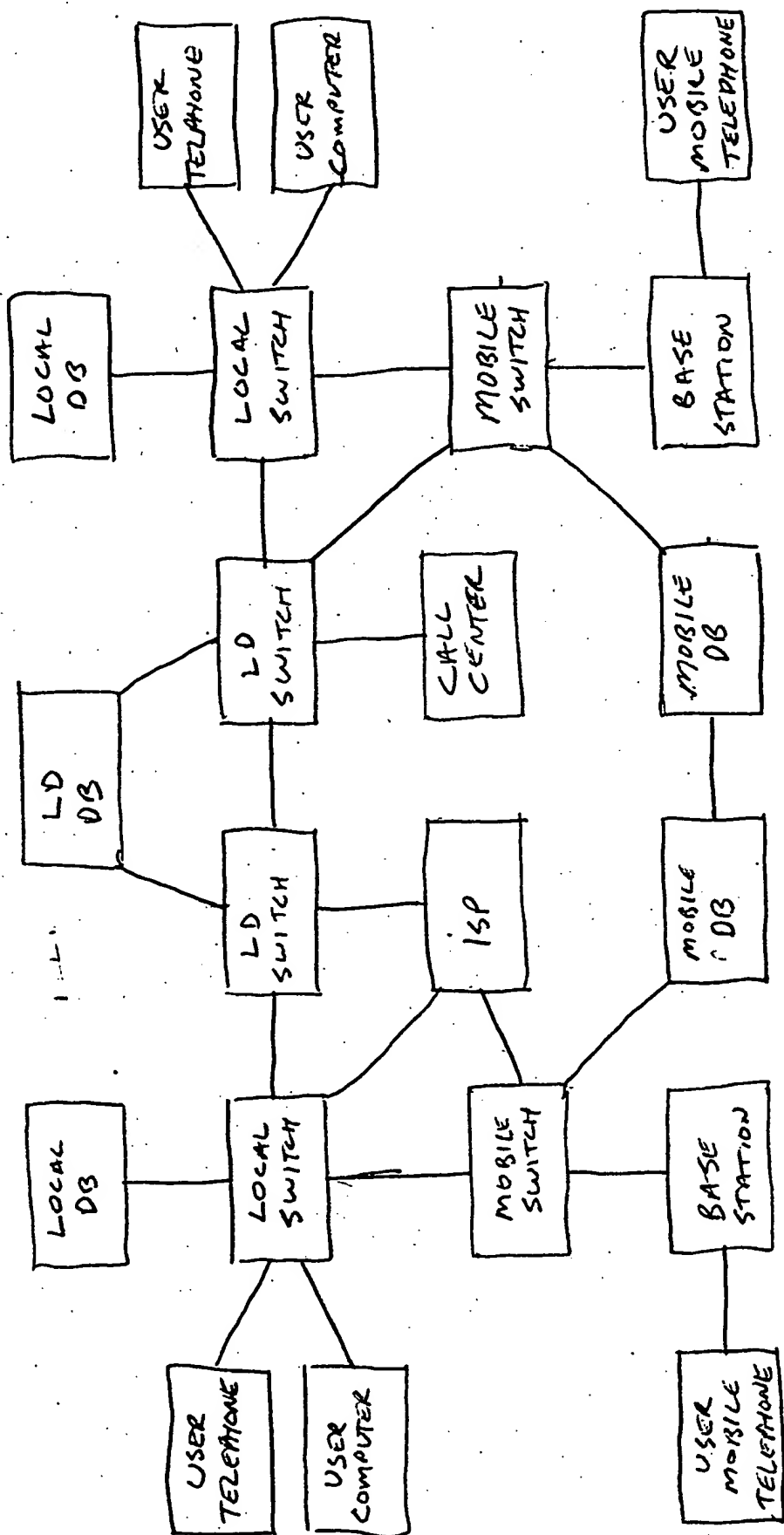


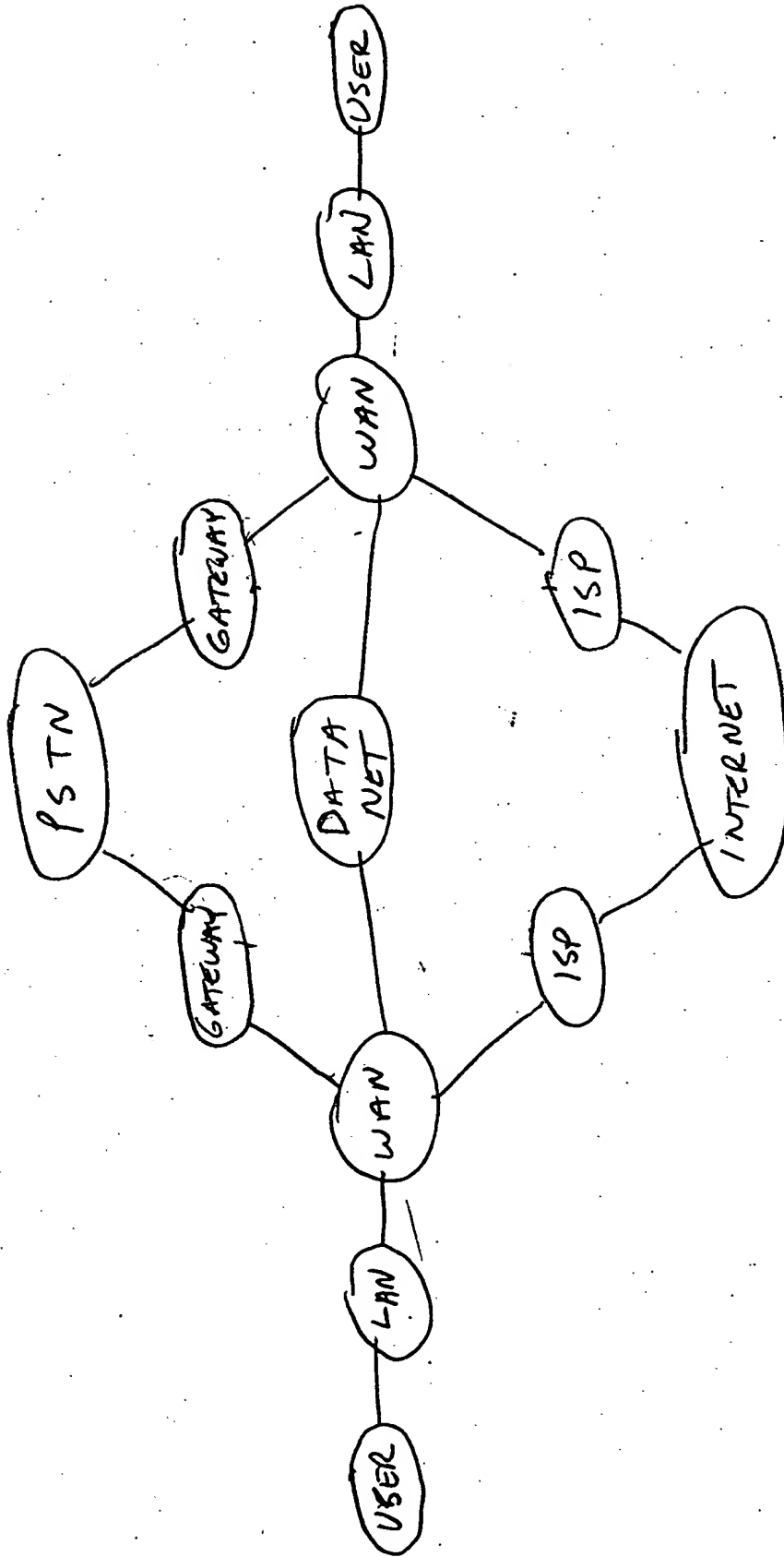
22-141 22-142 22-144



PRIOR ART

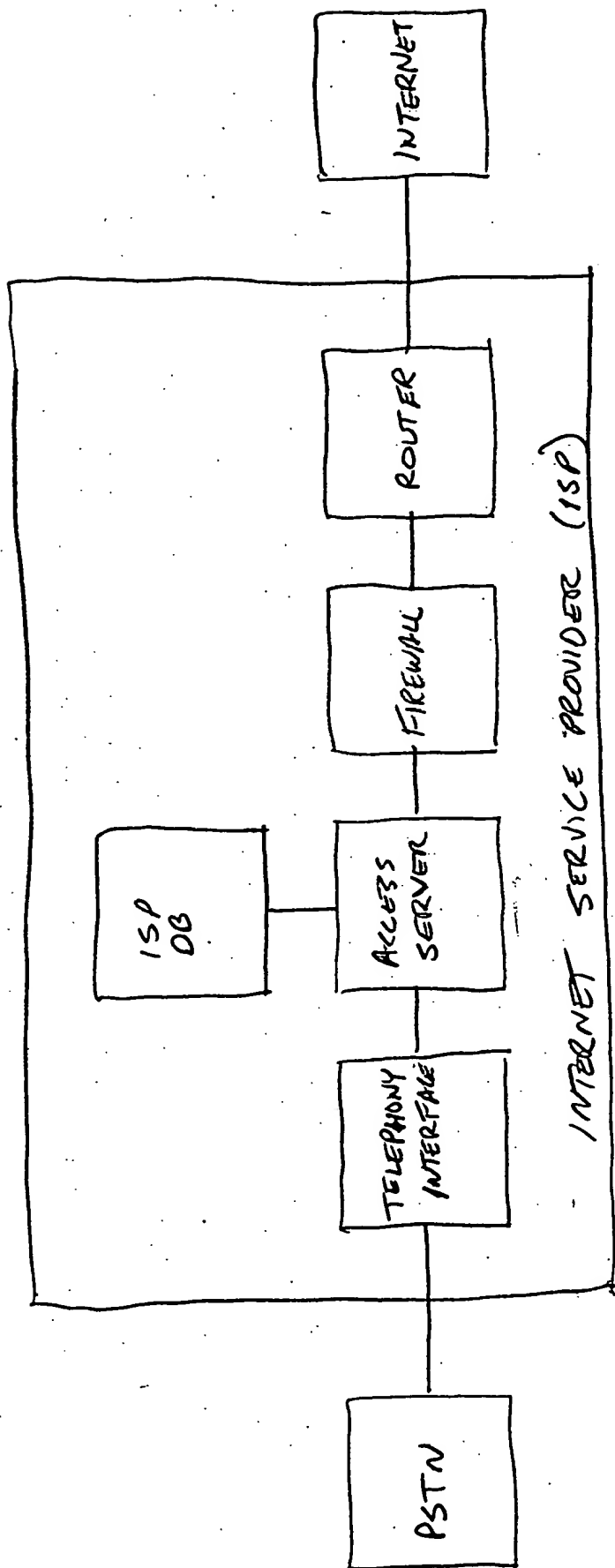
FIG. 1





PRIOR ART

FIG. 2



PRIOR ART

M
10
F

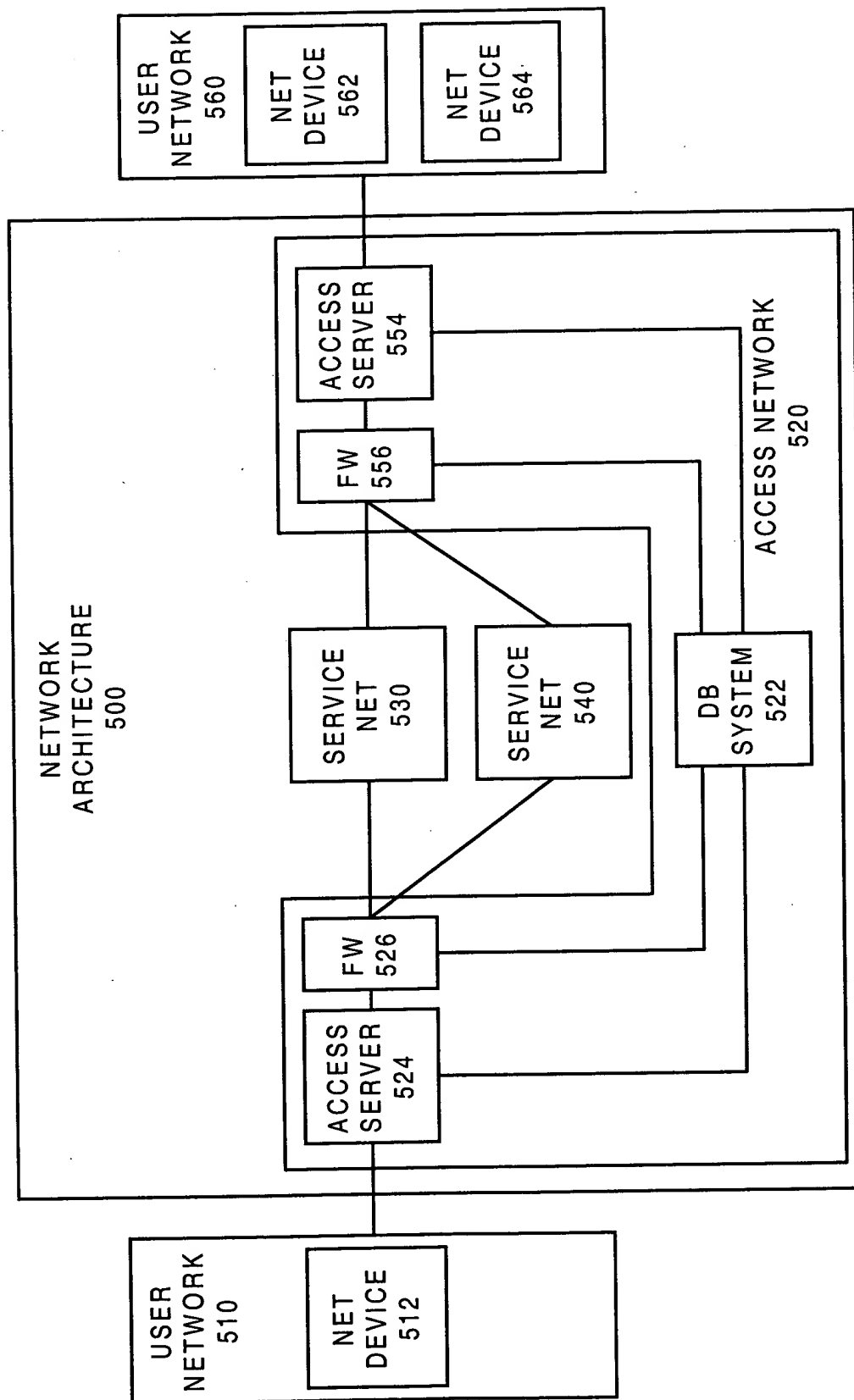


FIG. 5

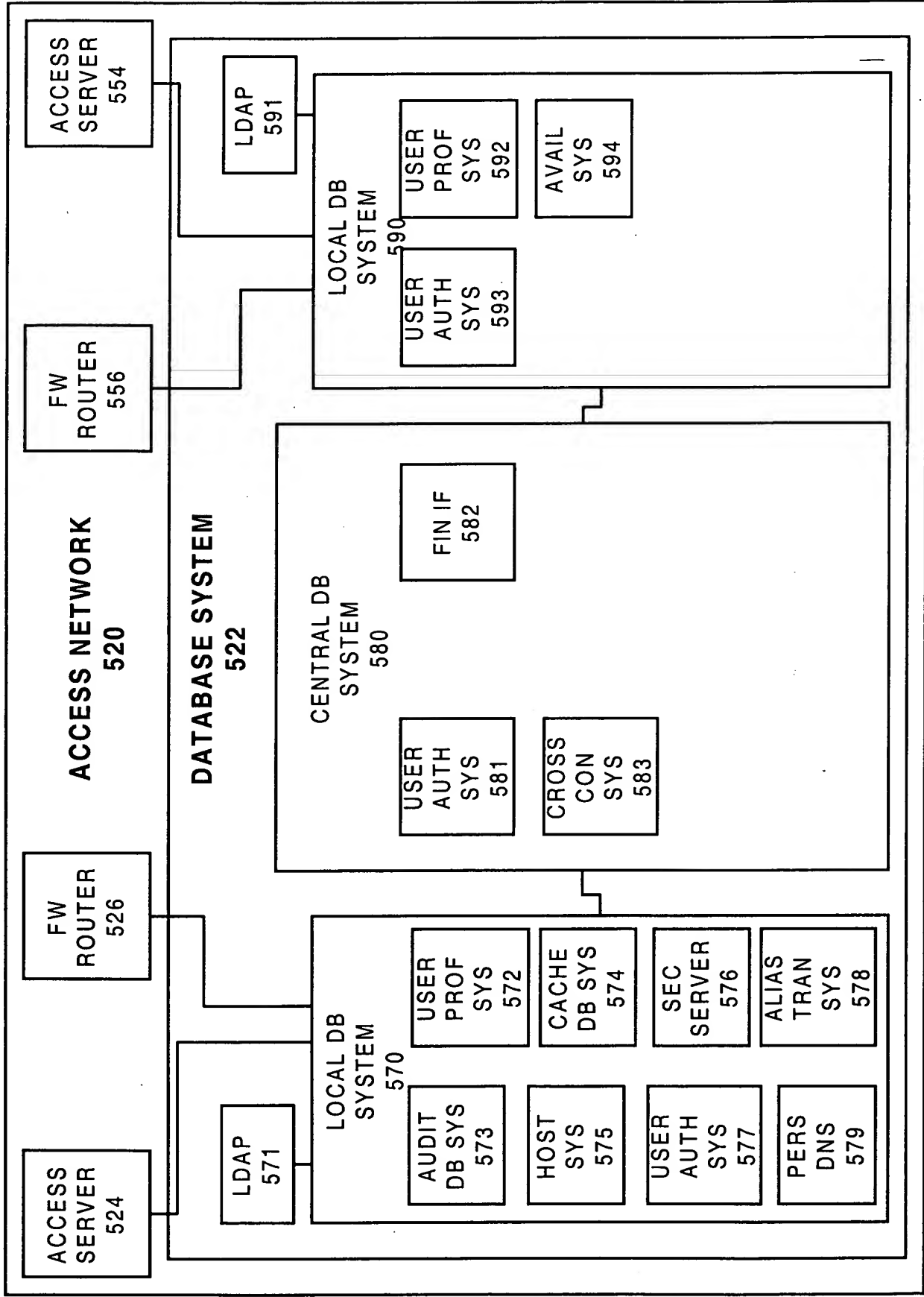


FIG. 6

Customer Information

USER ID	PASSWORD	NAME	ACCOUNT NUMBER	SERVICES	ADDRESS	BILLING CODE	CLASS	GROUP	SHELL	MACROS

FIG. 7

```

graph TD
    800([START]) --> 802[WAIT FOR PACKET]
    802 --> 804[RECEIVE AND PROCESS PACKET]
    804 --> 806{IS DEST THE USER PROFILE?}
    806 -- NO --> 808[TRANSMIT PACKET ON CORRECT PATH]
    808 --> 802
    806 -- YES --> 810{NET DEV ALLOW TO ACCESS USER?}
    810 -- NO --> 812[DISCARD PACKET AND REGISTER A NETWORK REQUEST SECURITY EVENT]
    812 --> 802
    810 -- YES --> 814{USER ALLOW PROFILE UPDATES?}
    814 -- NO --> 816[GENERATE PROFILE UPDATE NOT ALLOWED MESSAGE]
    816 --> 802
    814 -- YES --> 818[GENERATE MESSAGE IF ALLOW PROFILE UPDATE]
    818 --> 820{USER APPROVE UPDATE?}
    820 -- NO --> 822[GENERATE USER PROFILE ABORTED MESSAGE]
    822 --> 802
    820 -- YES --> 824[SET EXTERNAL REQUEST TIMER]
    824 --> 826[GENERATE REQUEST TO UPDATE USER PROFILE]
    826 --> 828{REPLY OR TIMER EXPIRED?}
    828 --> 830{VALID REPLY?}
    830 --> 832[GENERATE UPDATE COMPLETE MESSAGE]
    832 --> 802
    830 --> 834[DISCARD PACKET AND REPLY TO USER THAT UPDATE FAILED]
    834 --> 802

```

FIG. 8

03422 923360

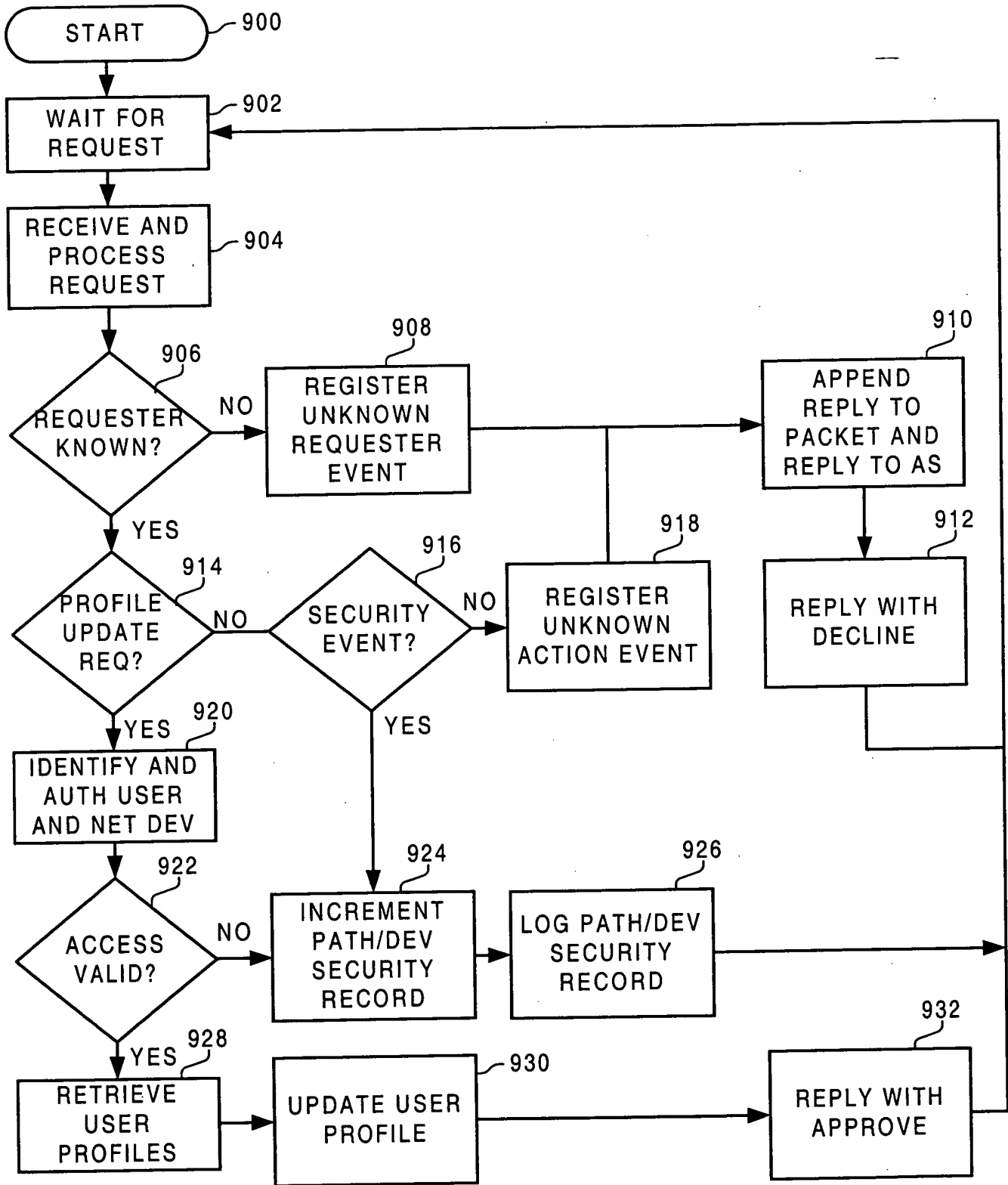


FIG. 9

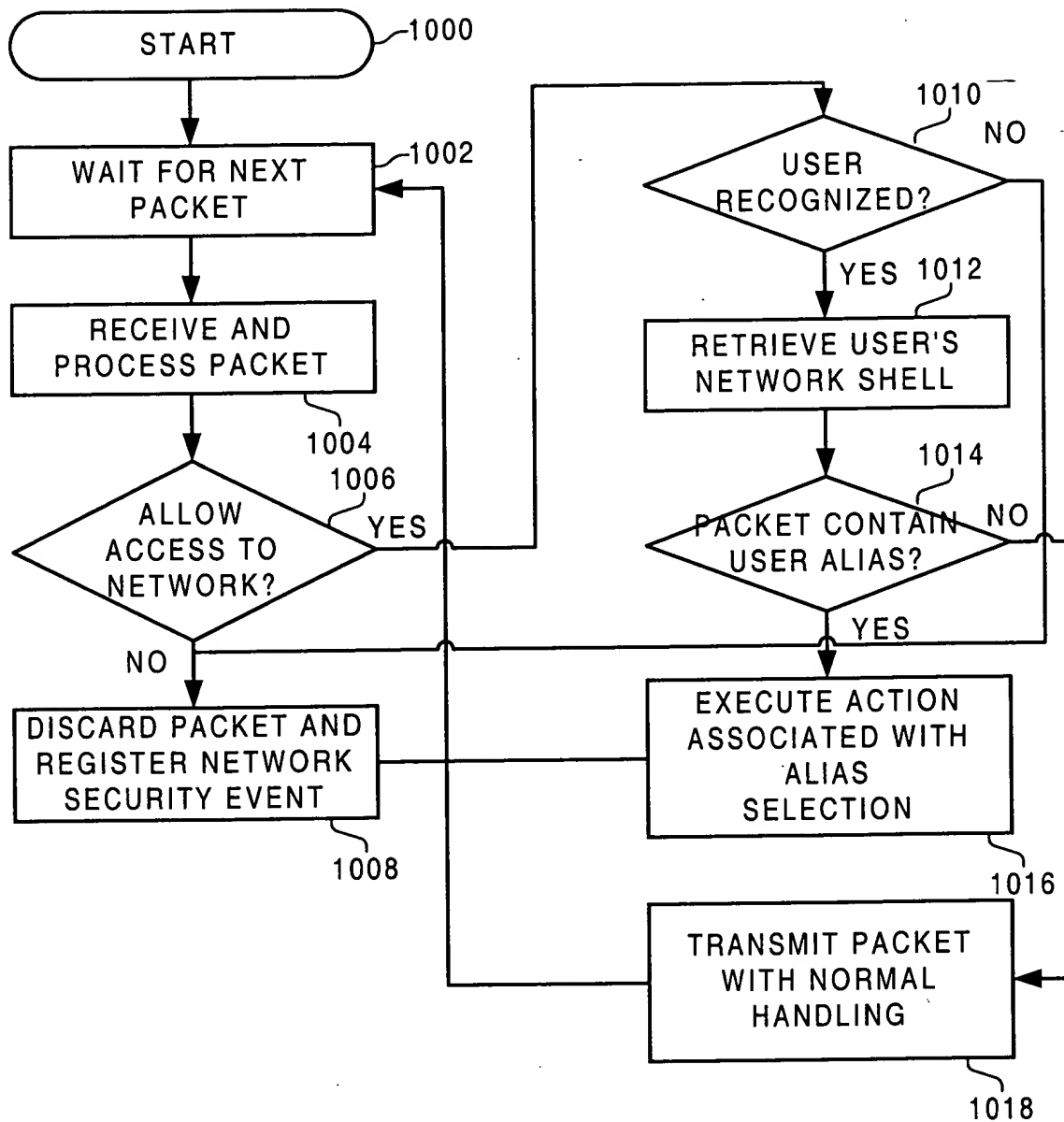


FIG. 10

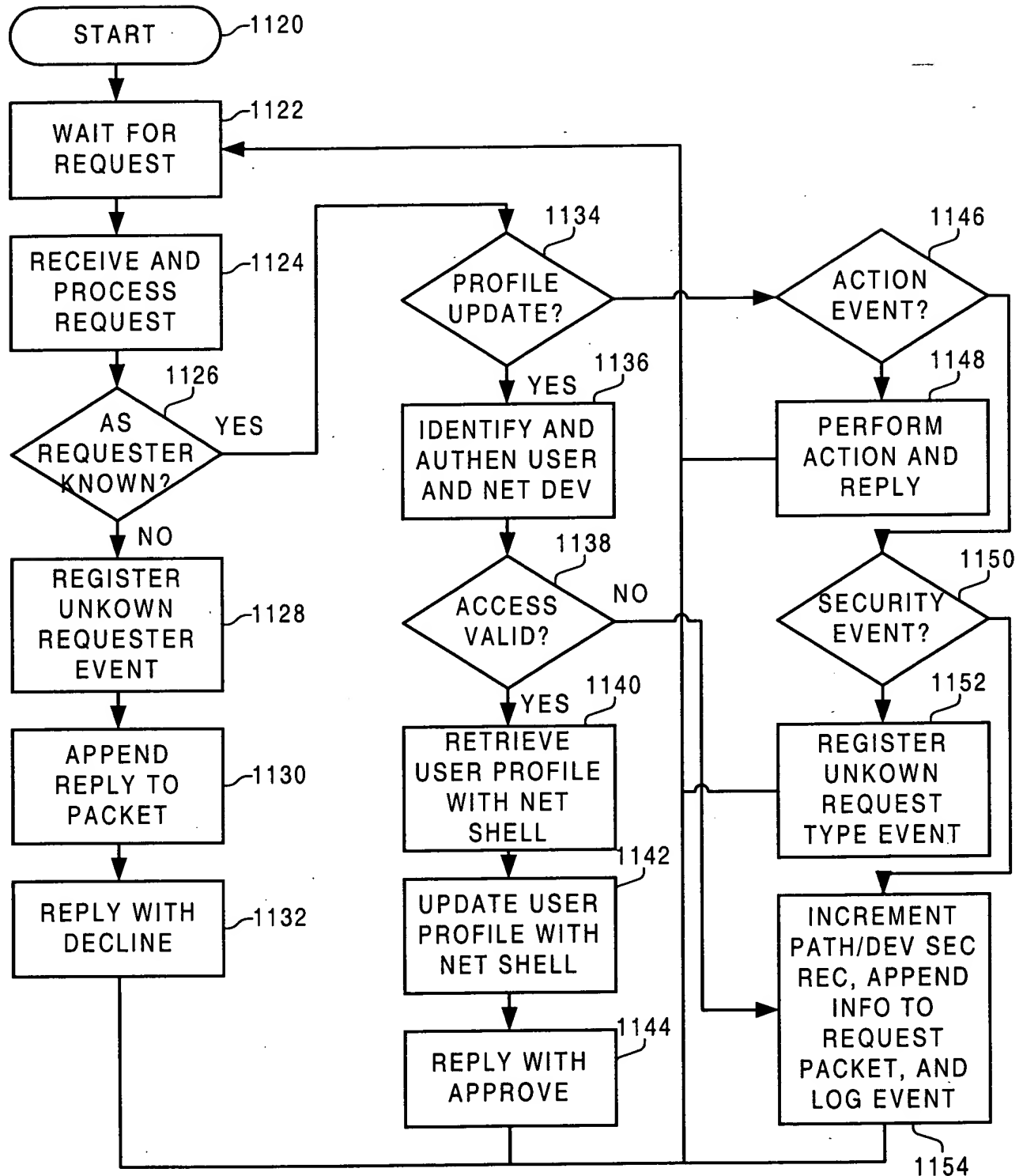


FIG. 11

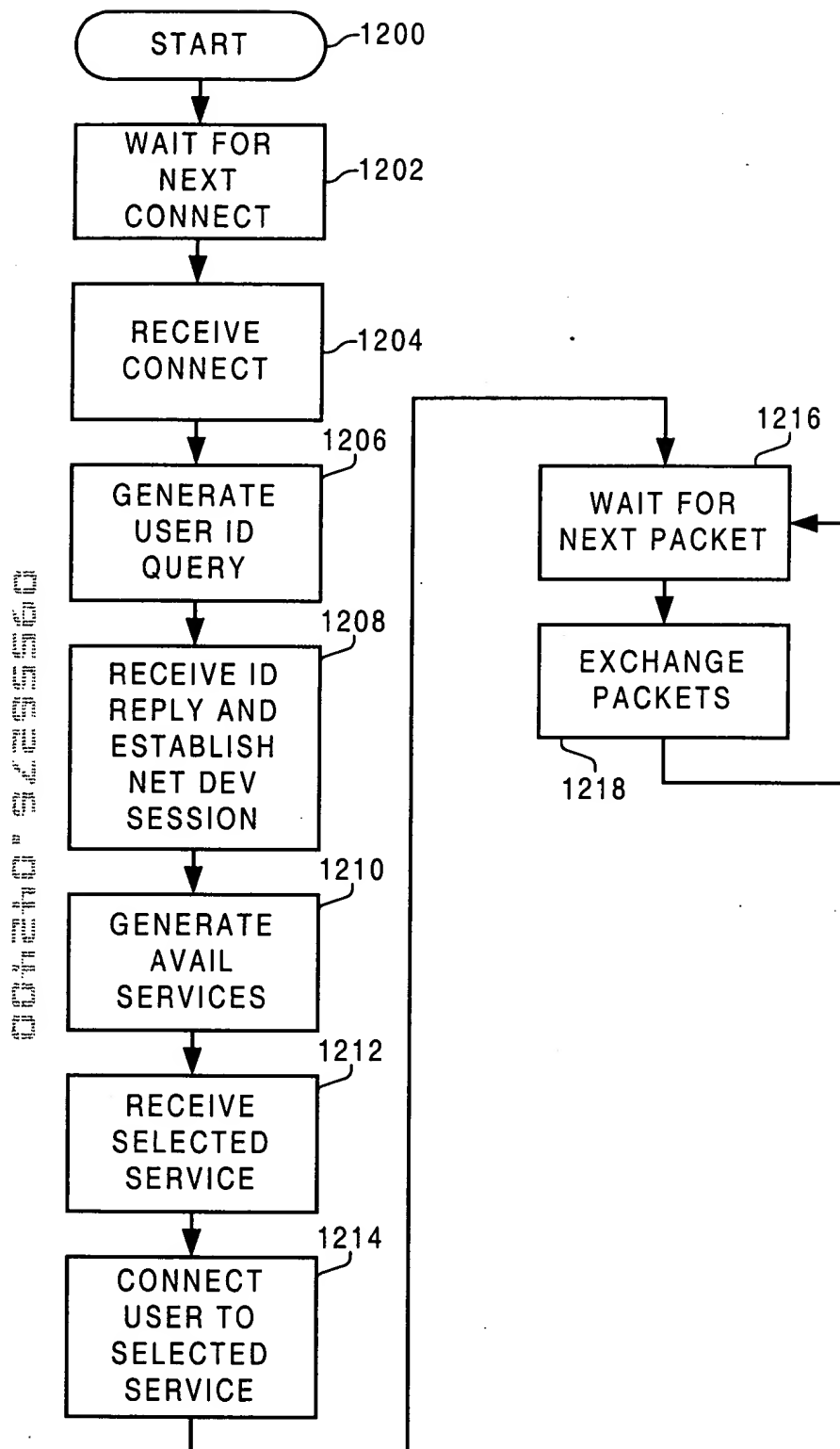


FIG. 12

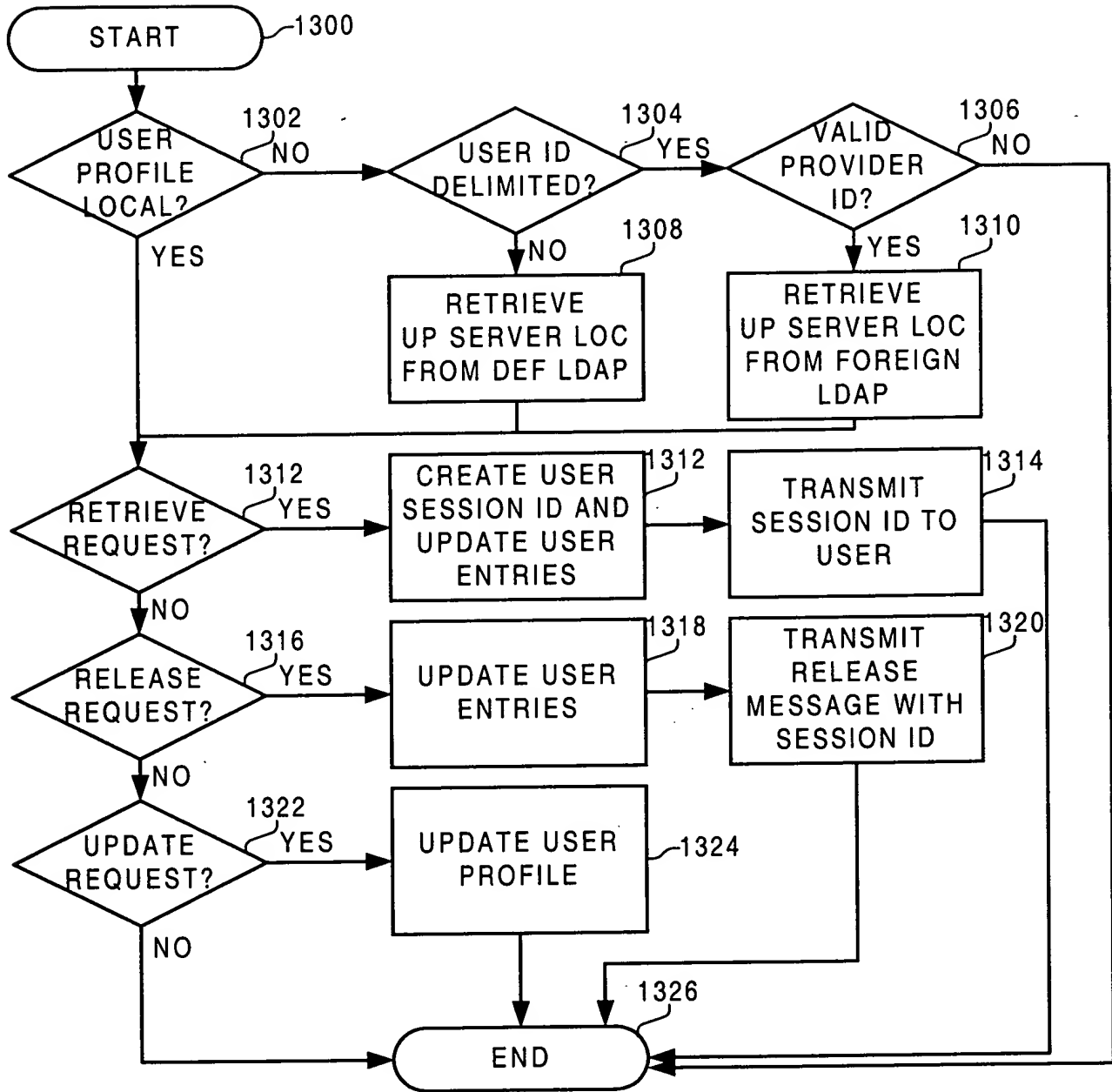


FIG. 13

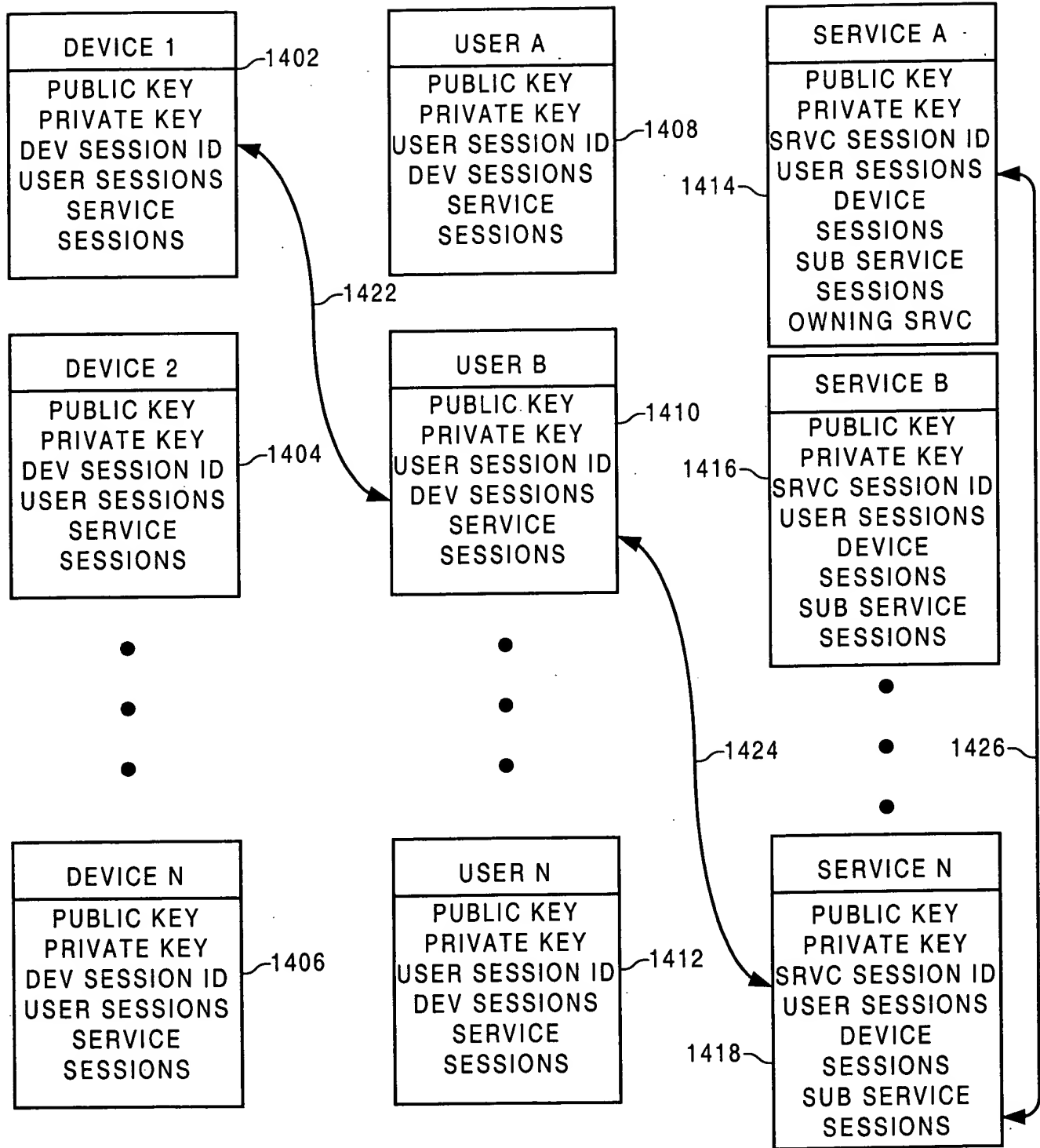
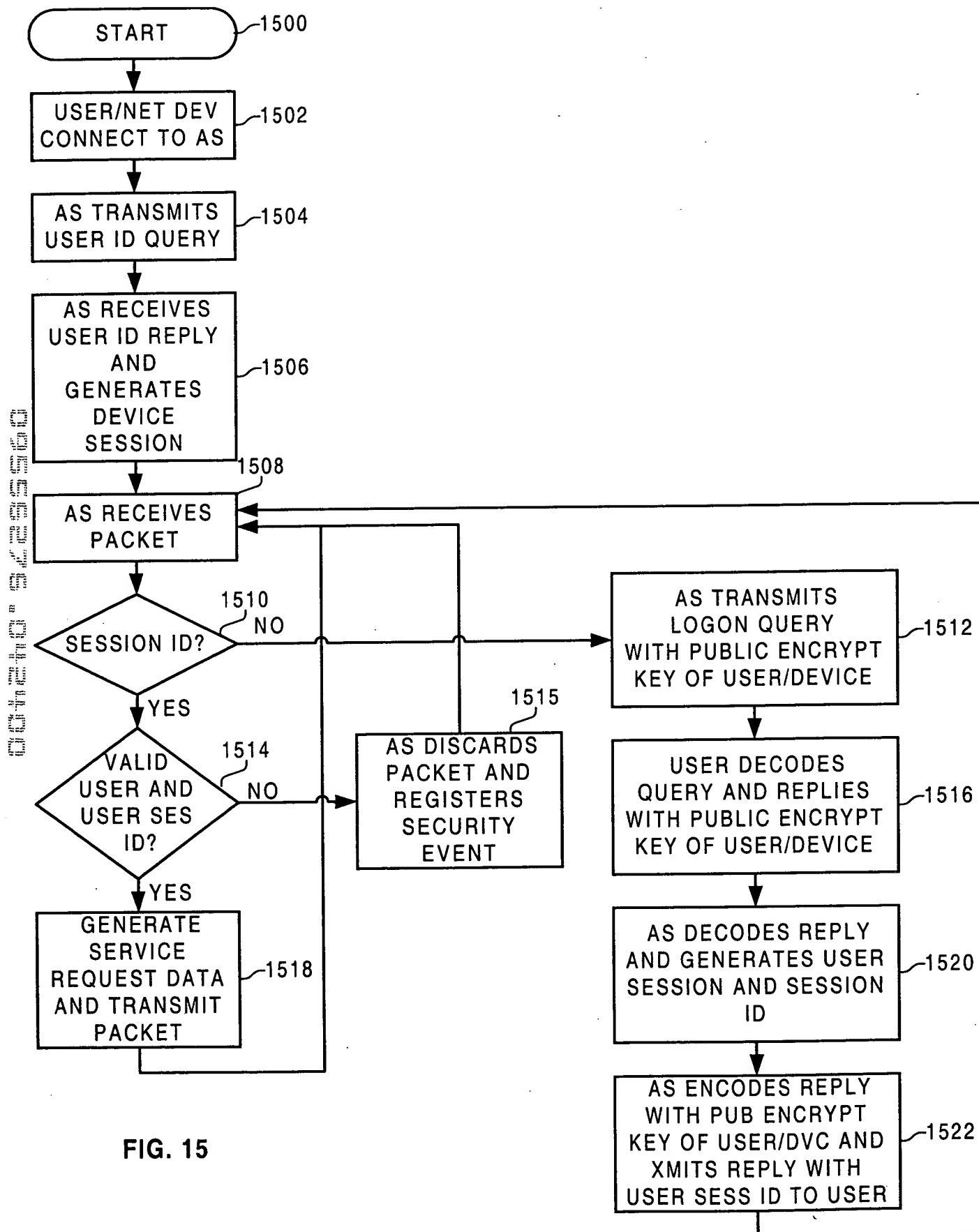


FIG. 14



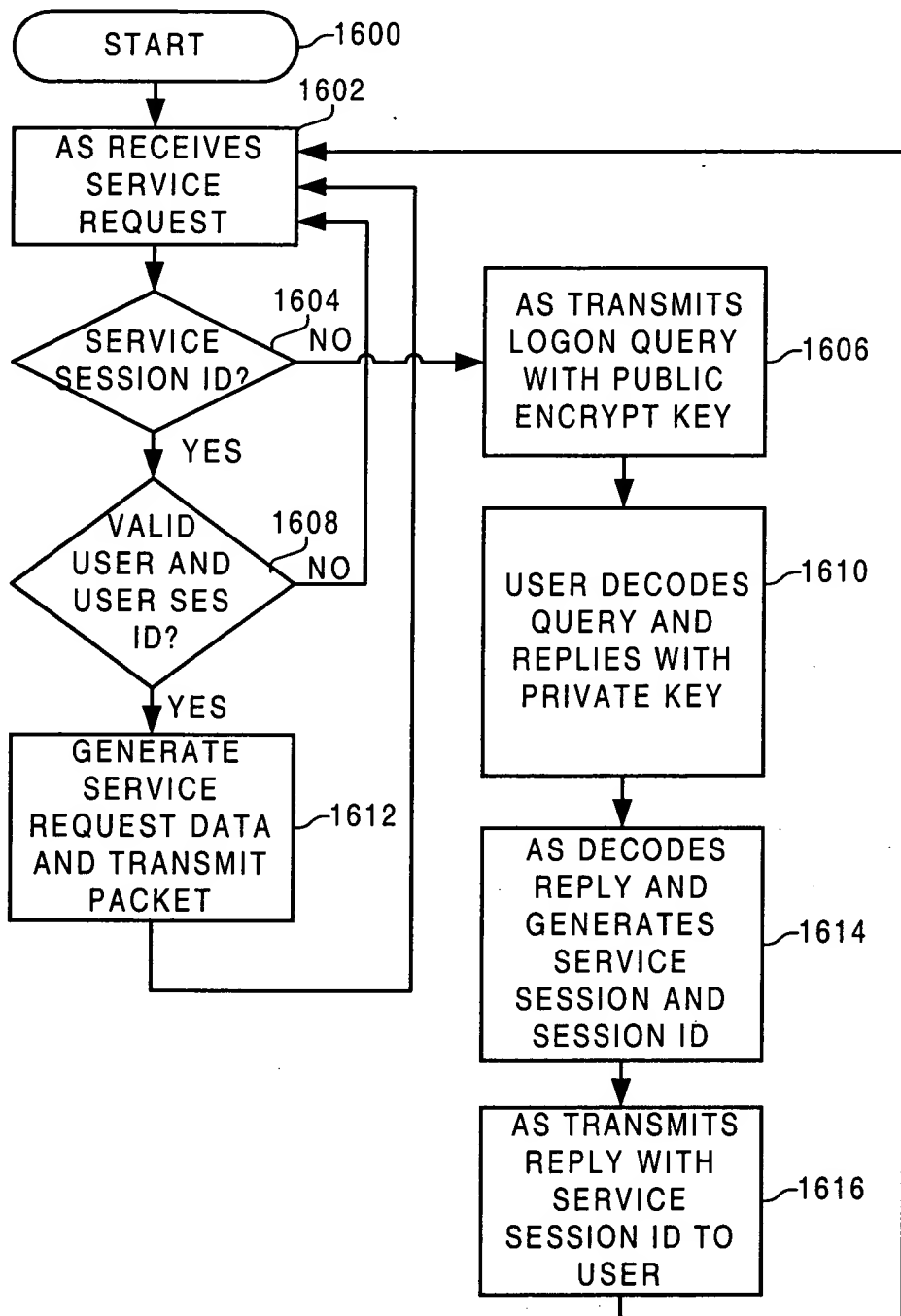


FIG. 16

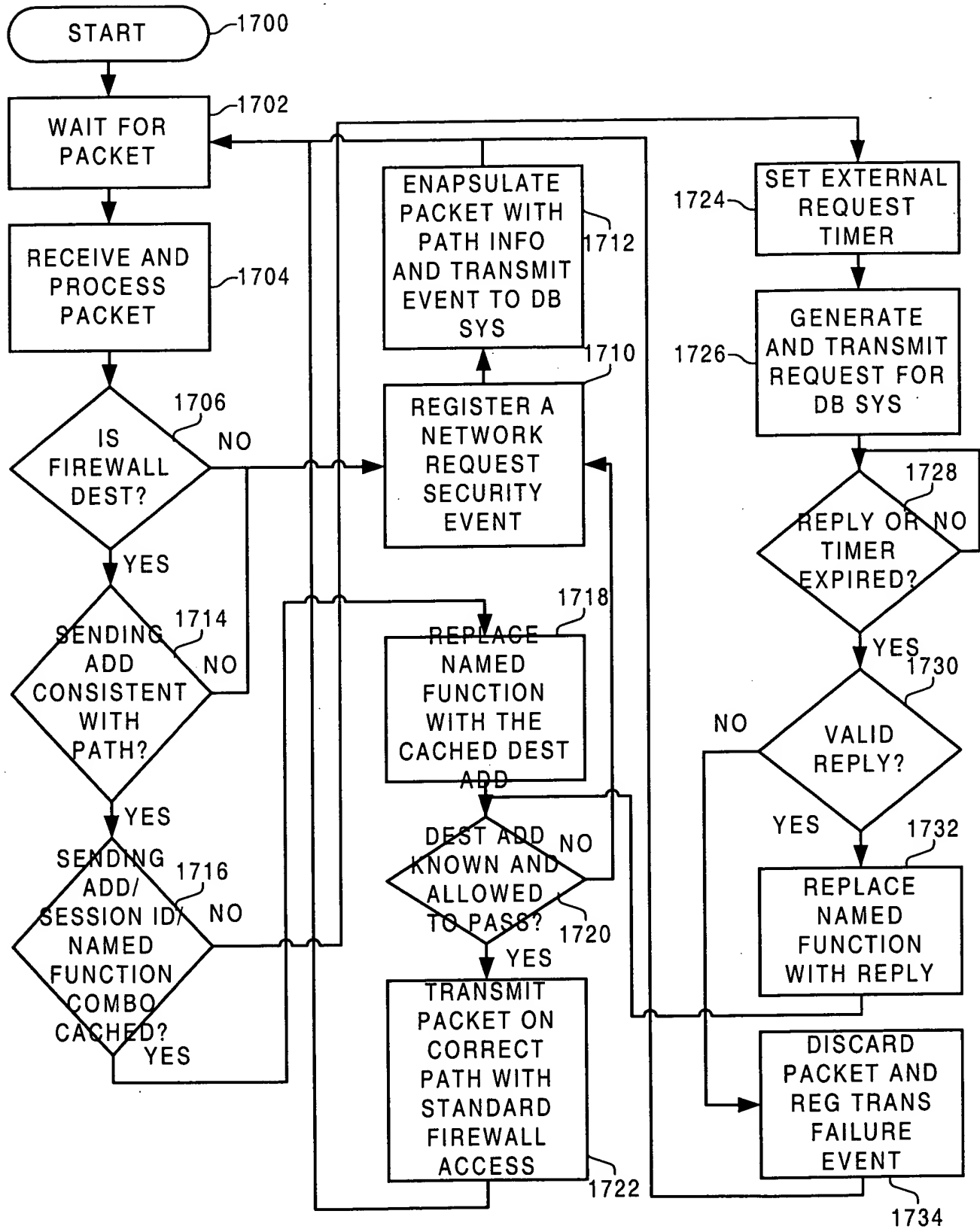


FIG. 17

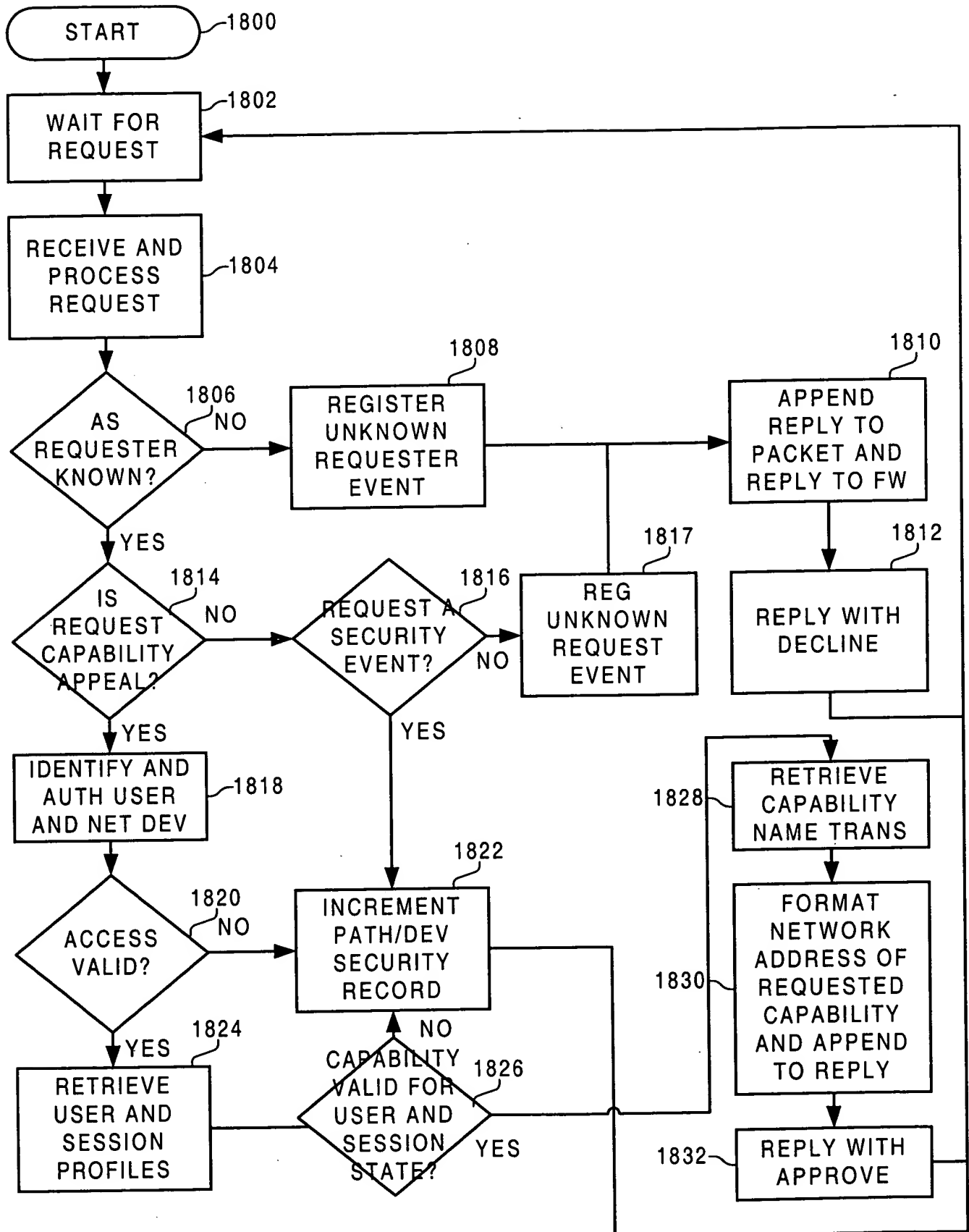


FIG. 18

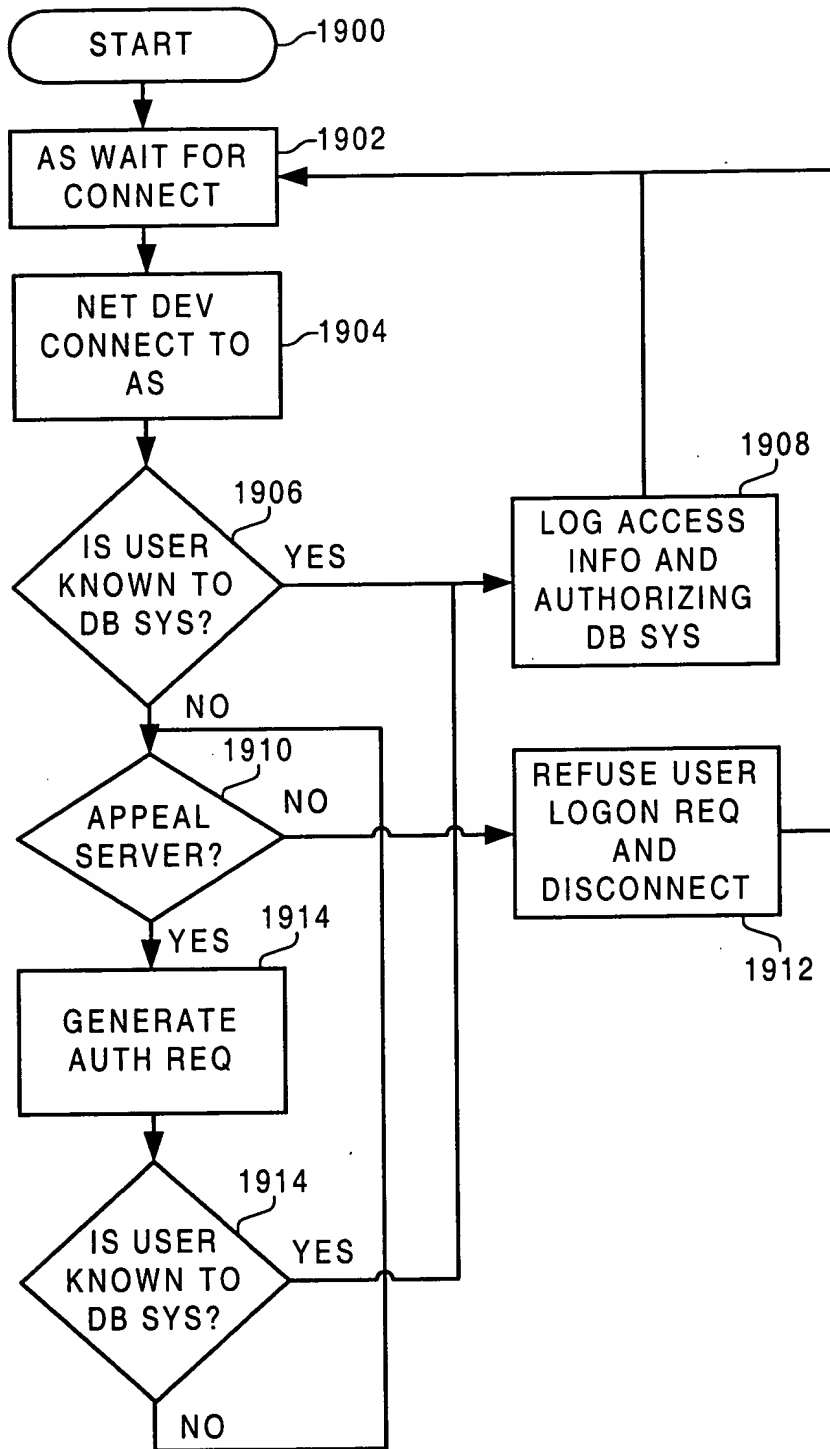


FIG. 19

2000 2002 2004 2006 2008 2010 2012 2014 2016 2018

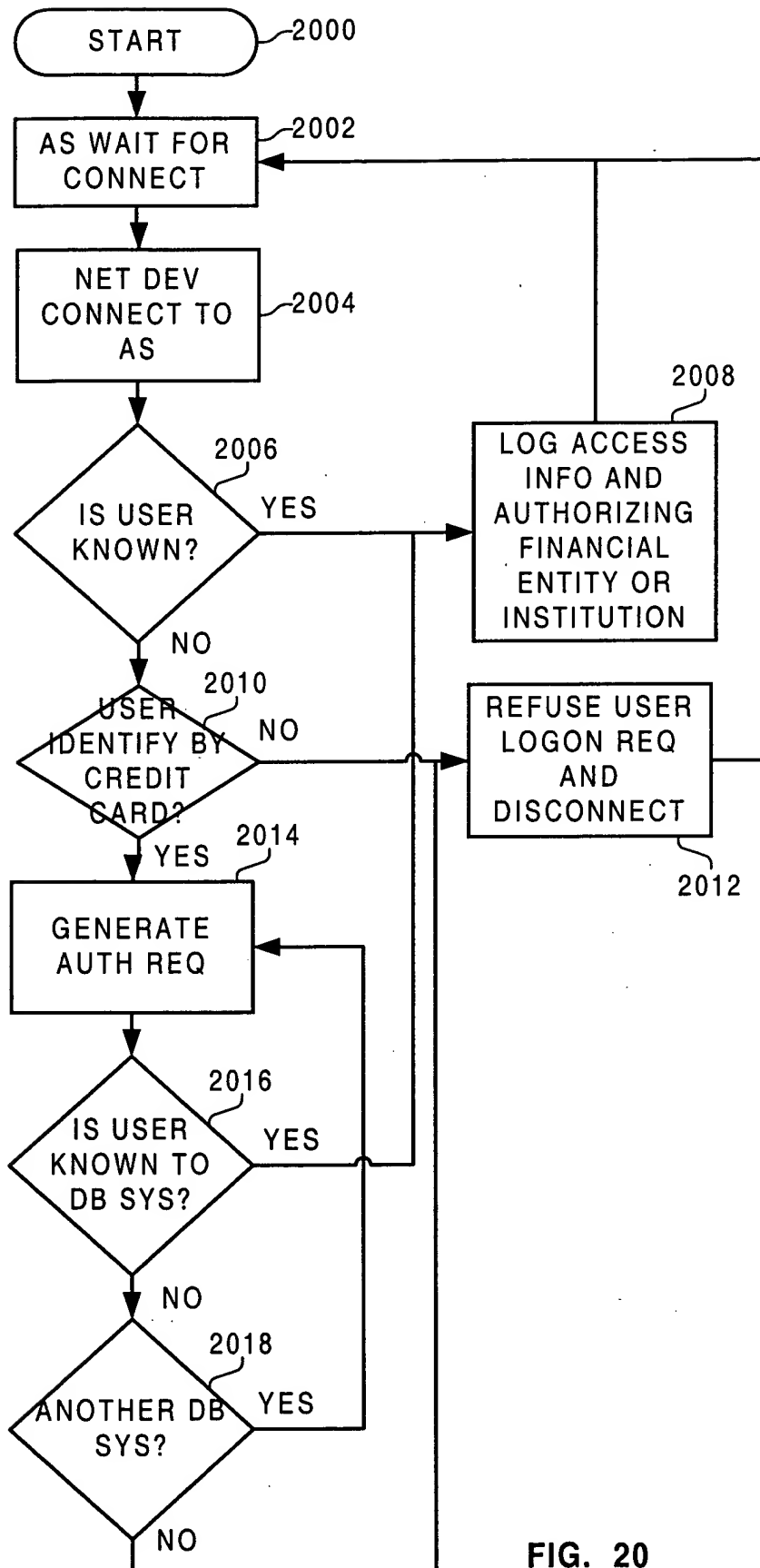


FIG. 20

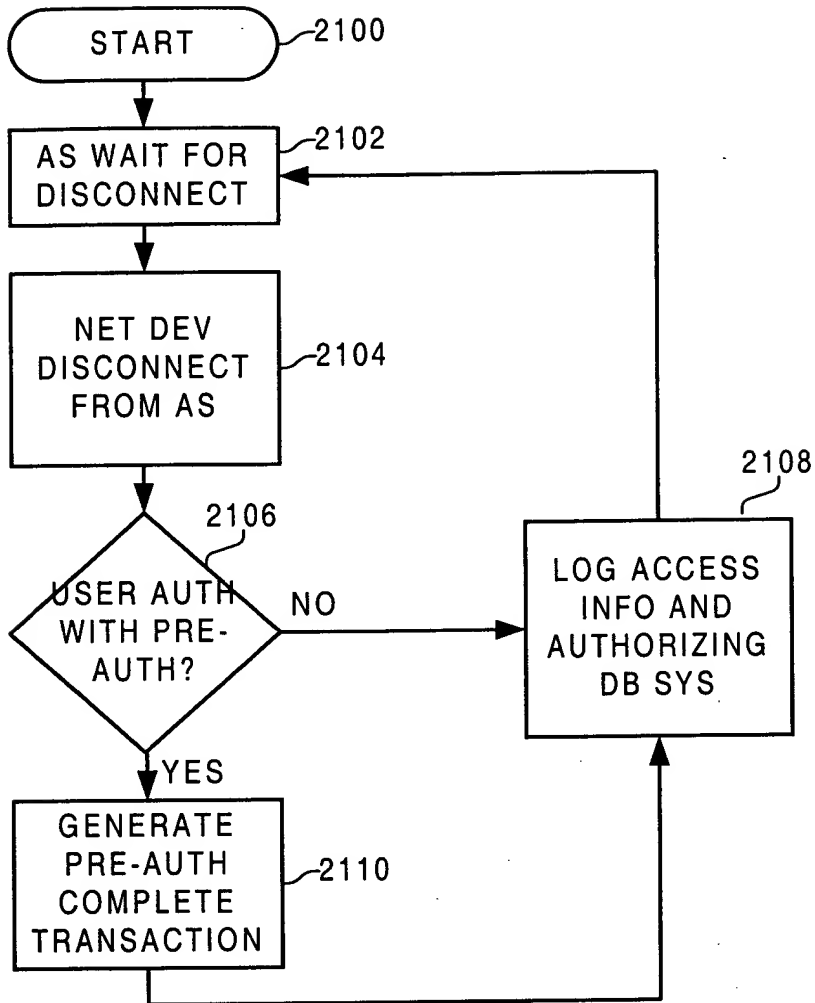


FIG. 21

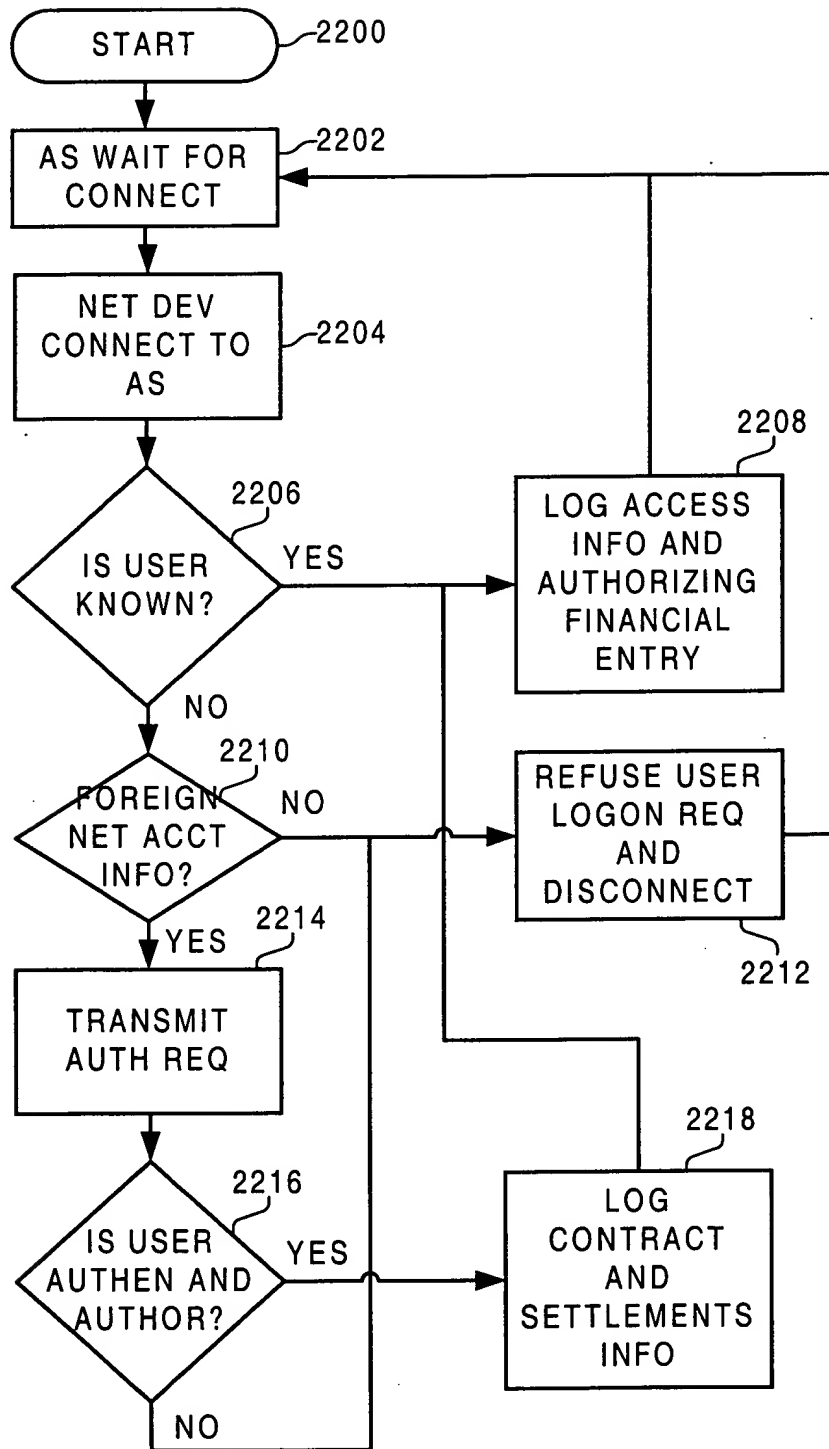


FIG. 22

2025 RELEASE UNDER E.O. 14176

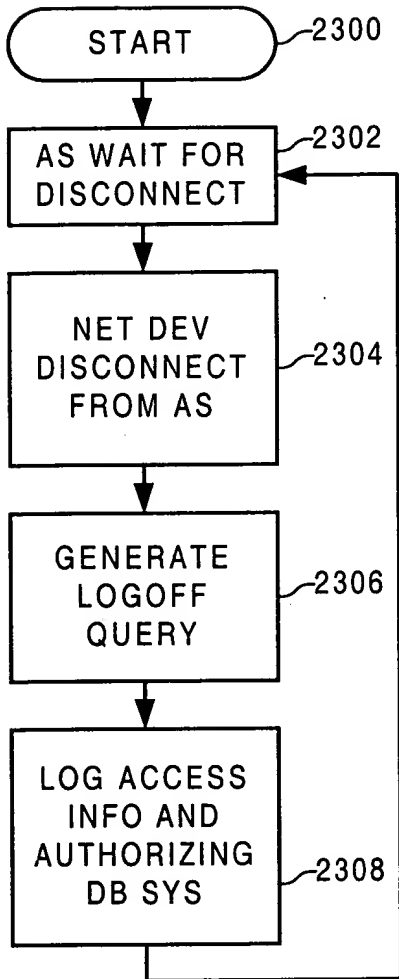


FIG. 23

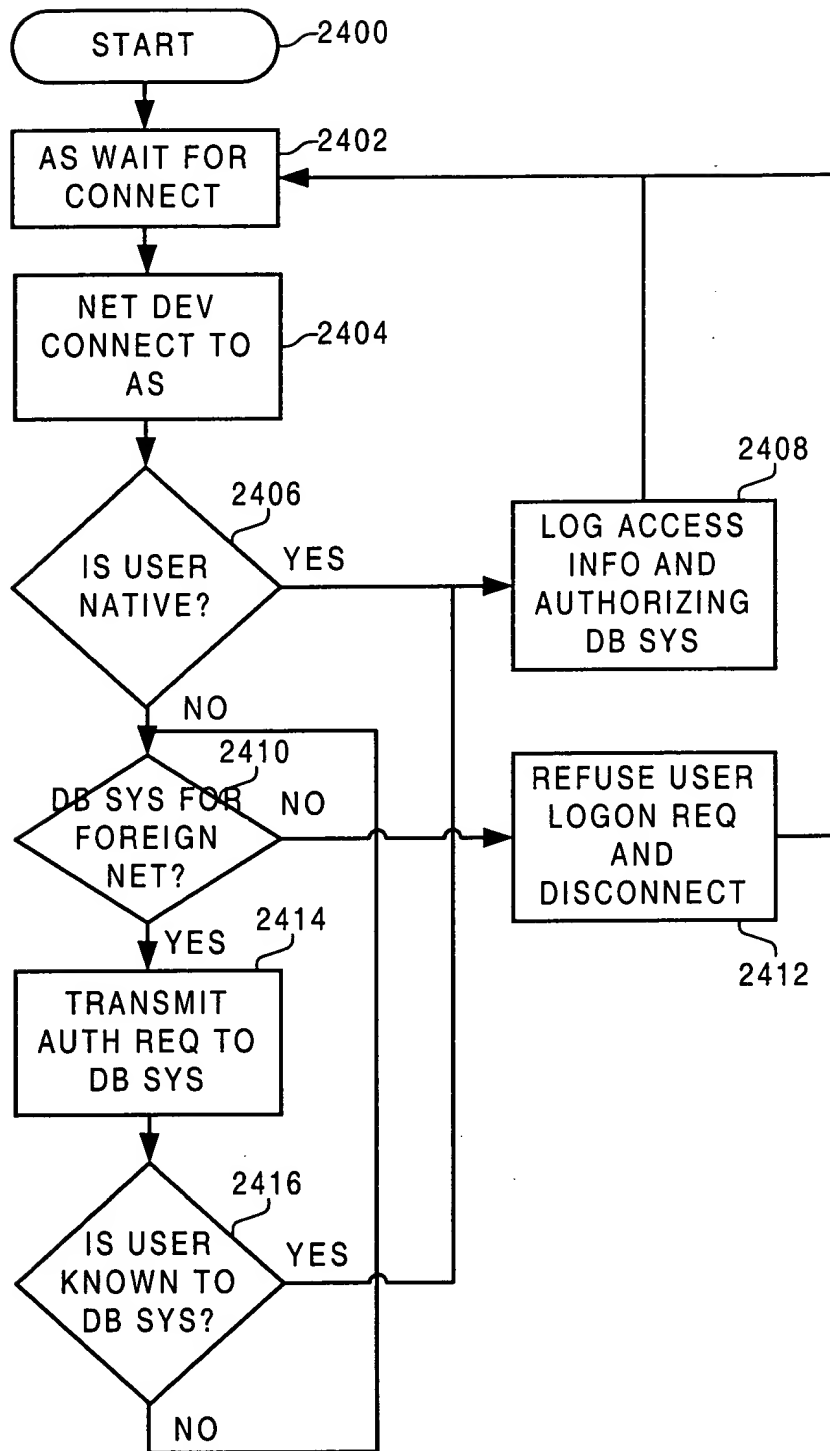


FIG. 24

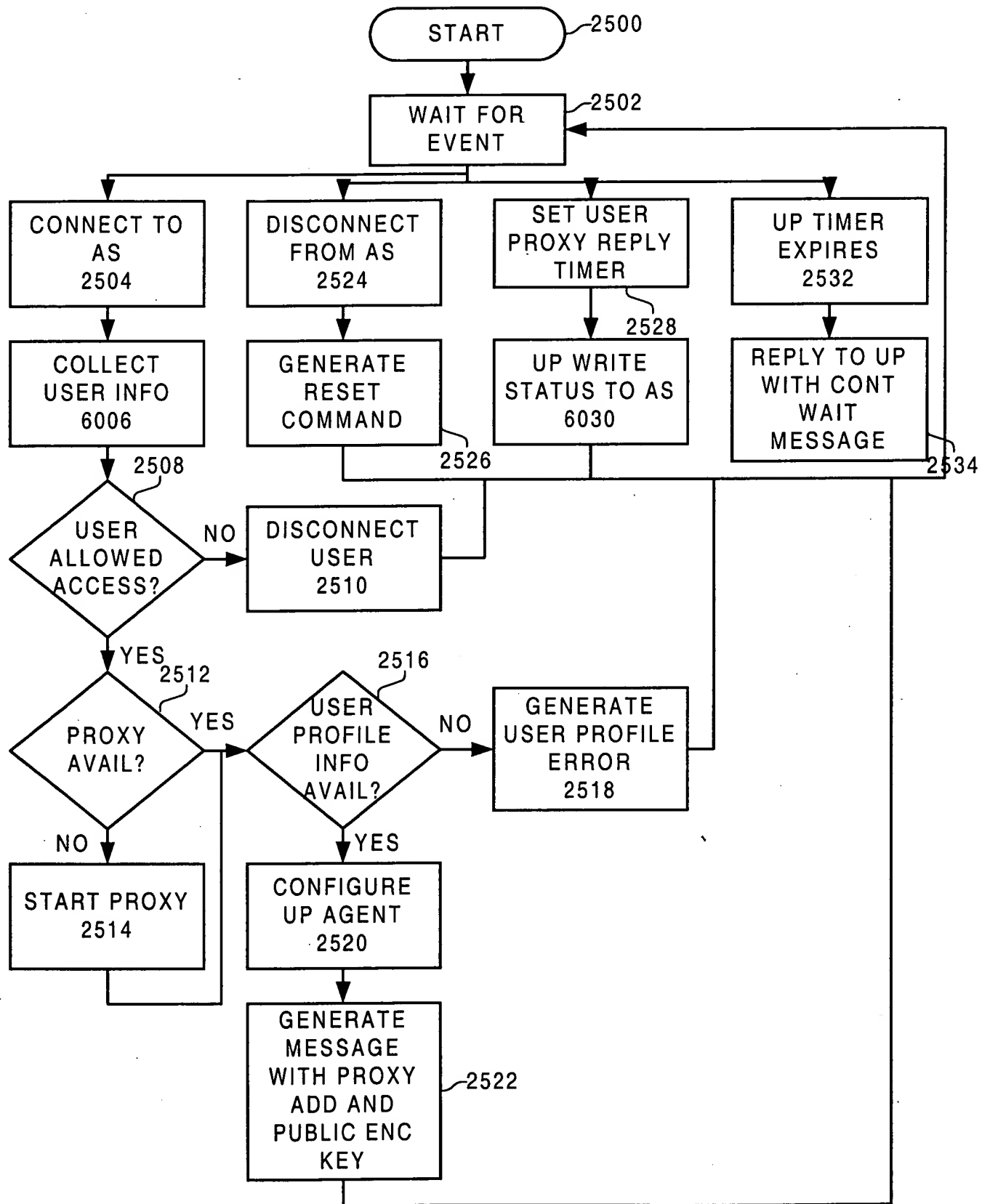


FIG. 25

00443" 3223503

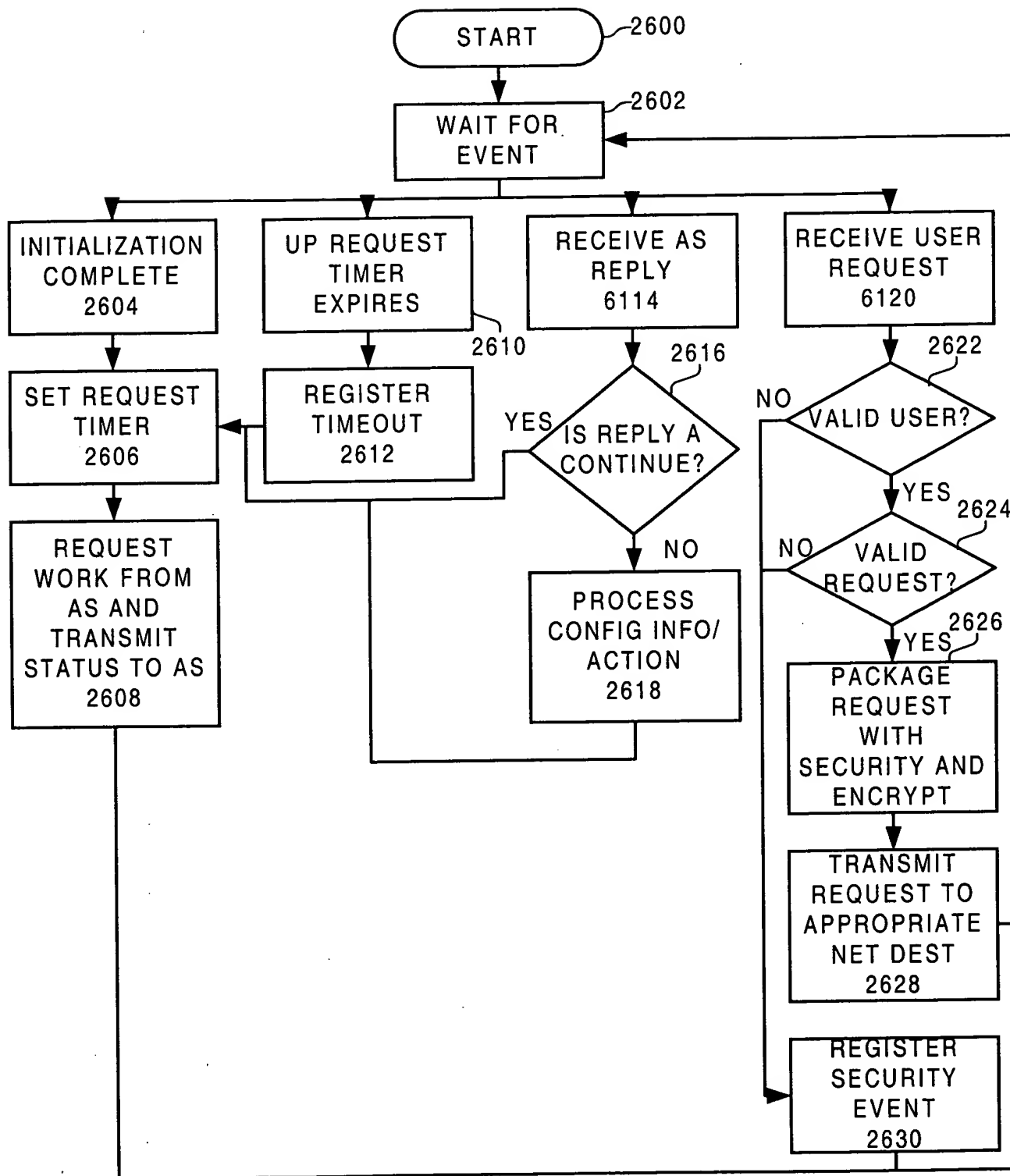


FIG. 26

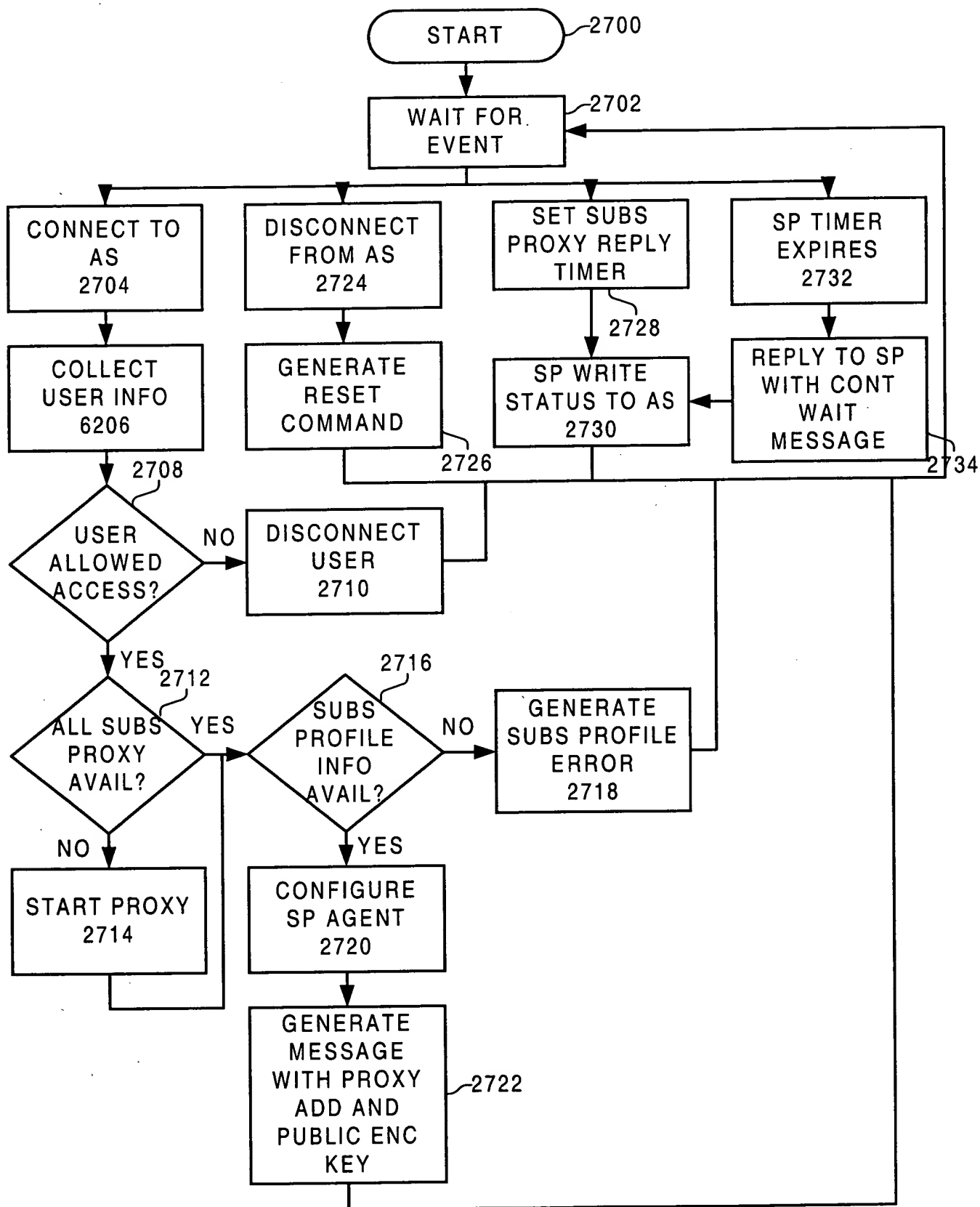


FIG. 27

Downloaded from www.ascelibrary.org

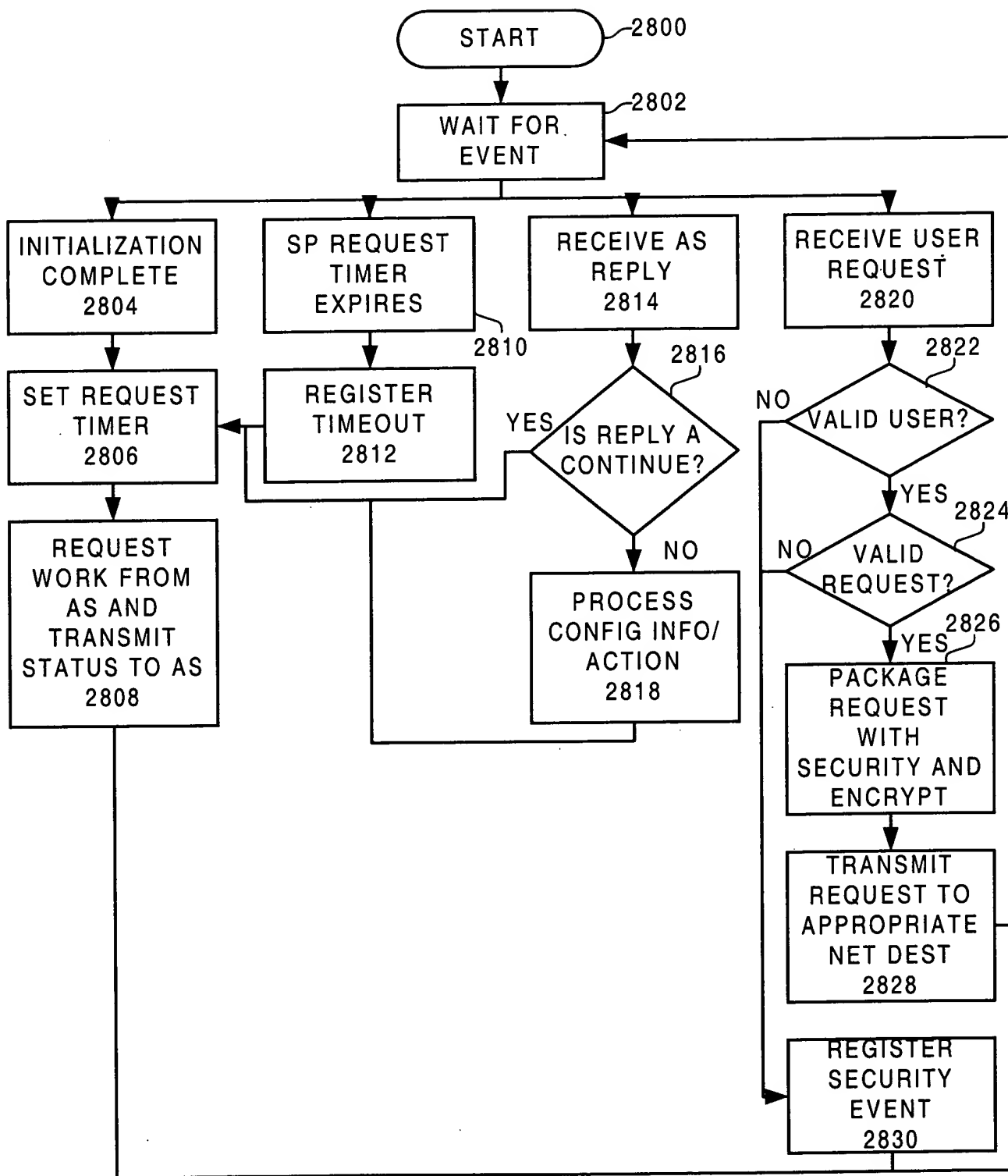


FIG. 28

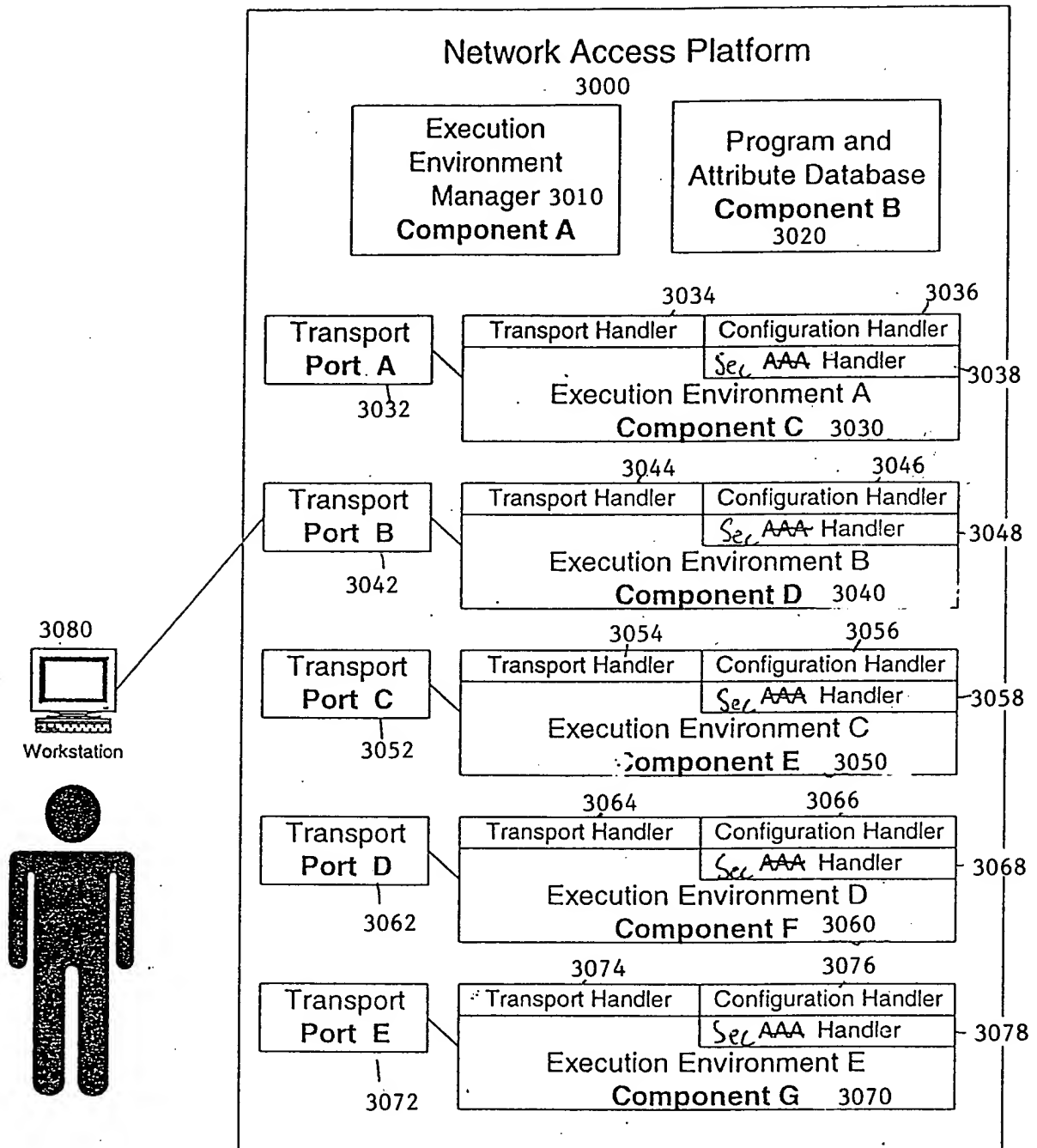


FIGURE 30

3100 3102 3104 3106 3108 3110 3112 3114 3116 3118 3120 3122 3124 3126 3128 3130 3132 3134 3136 3138 3140

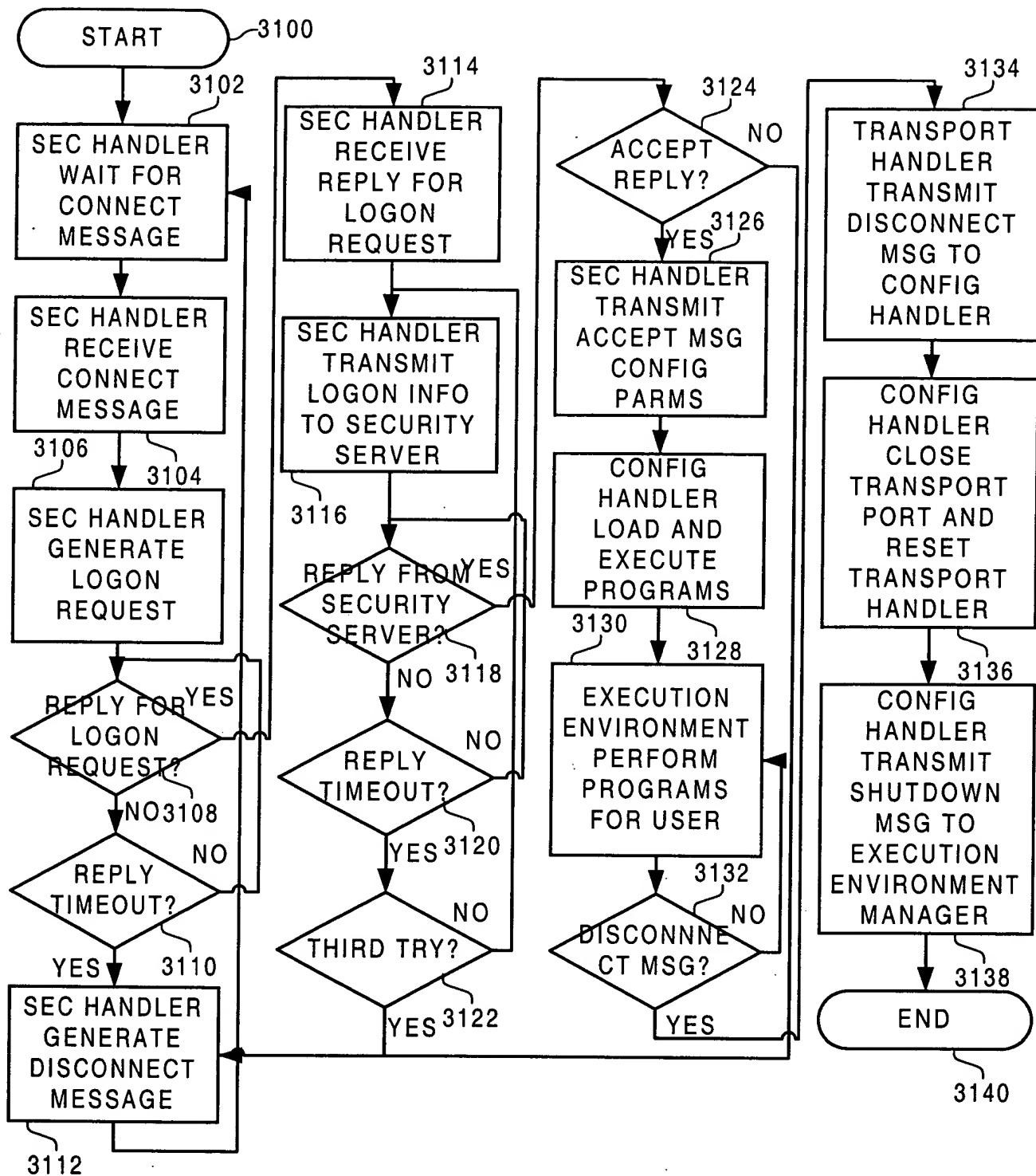


FIG. 31

FIG. 32

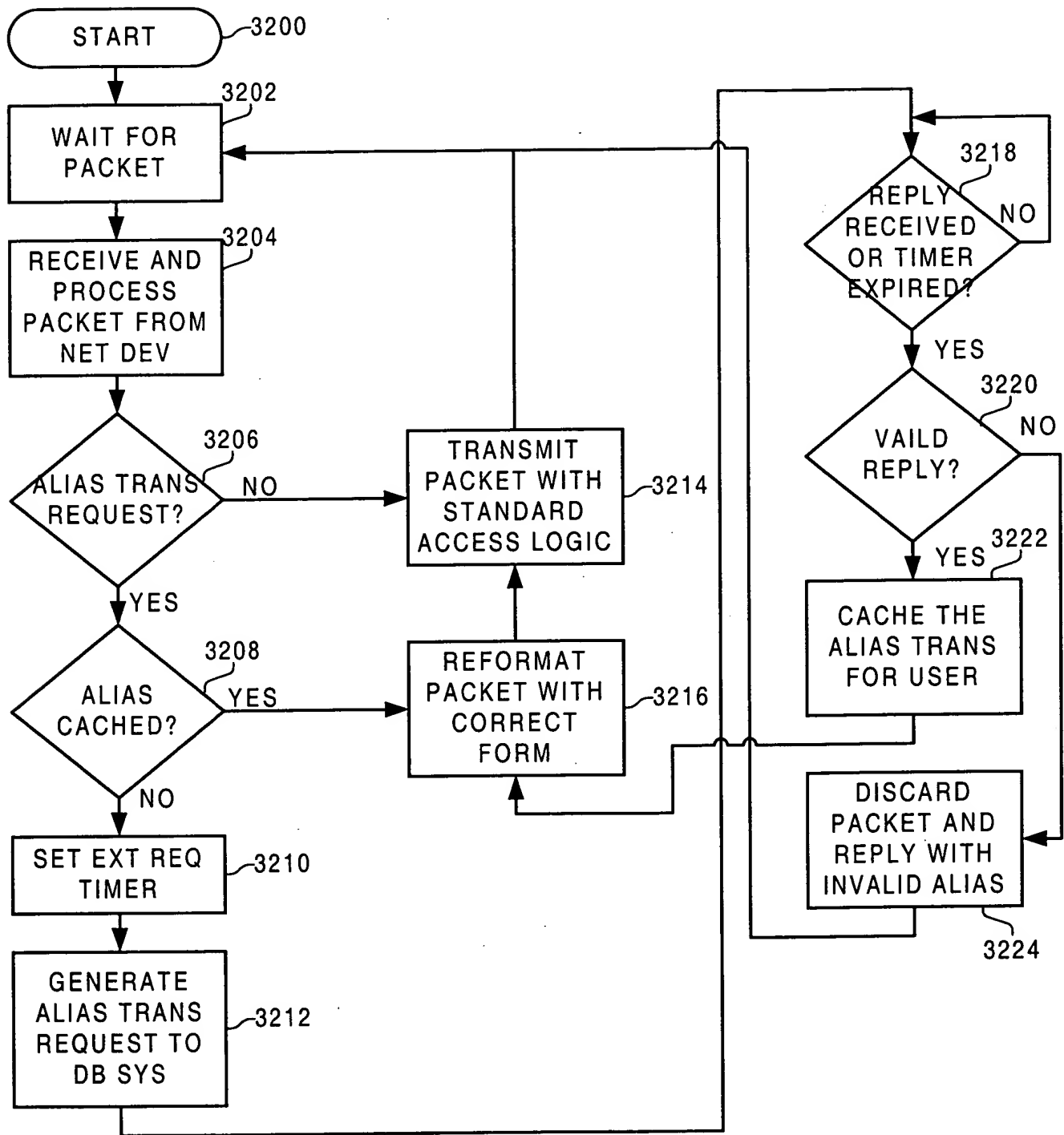


FIG. 32

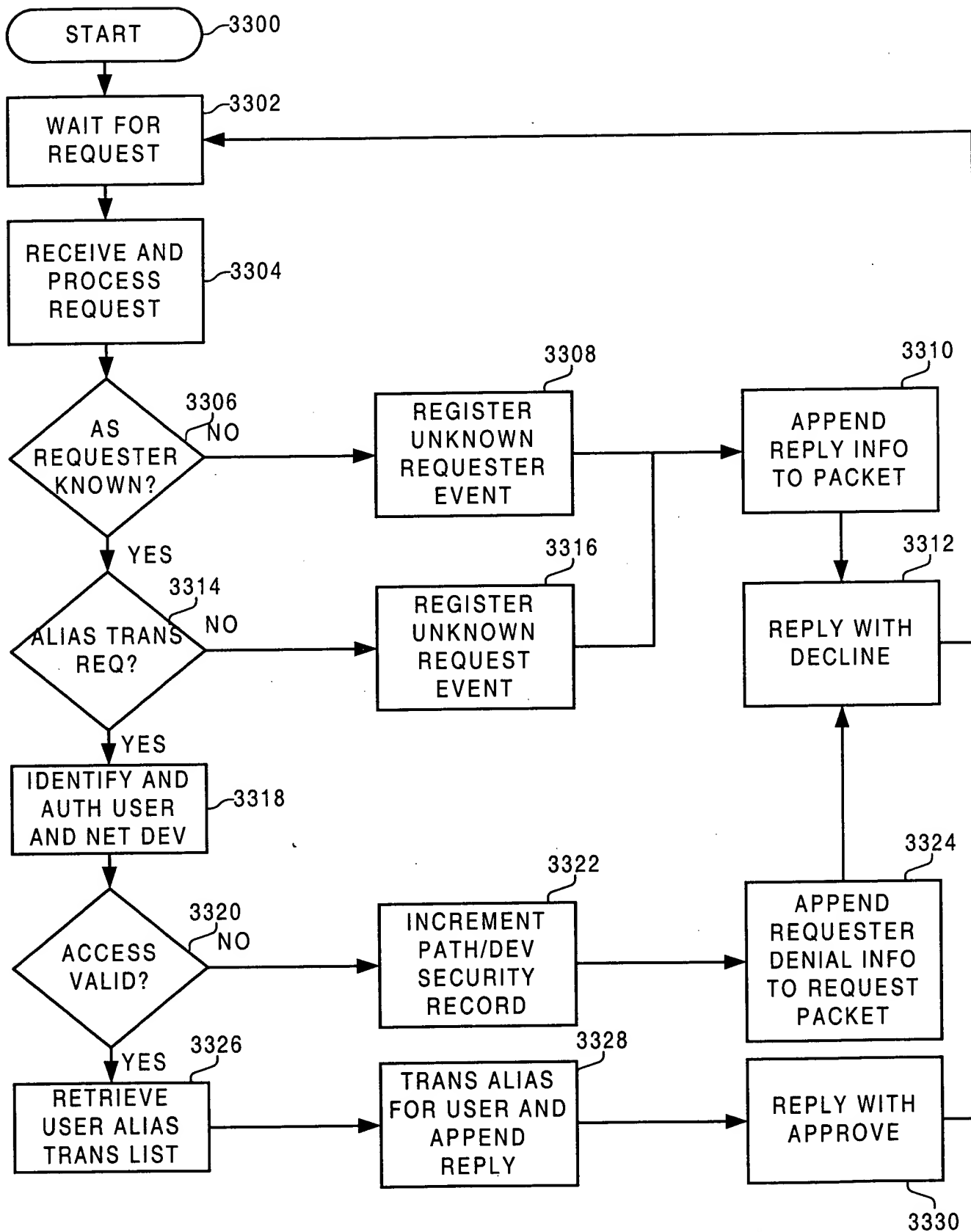


FIG. 33

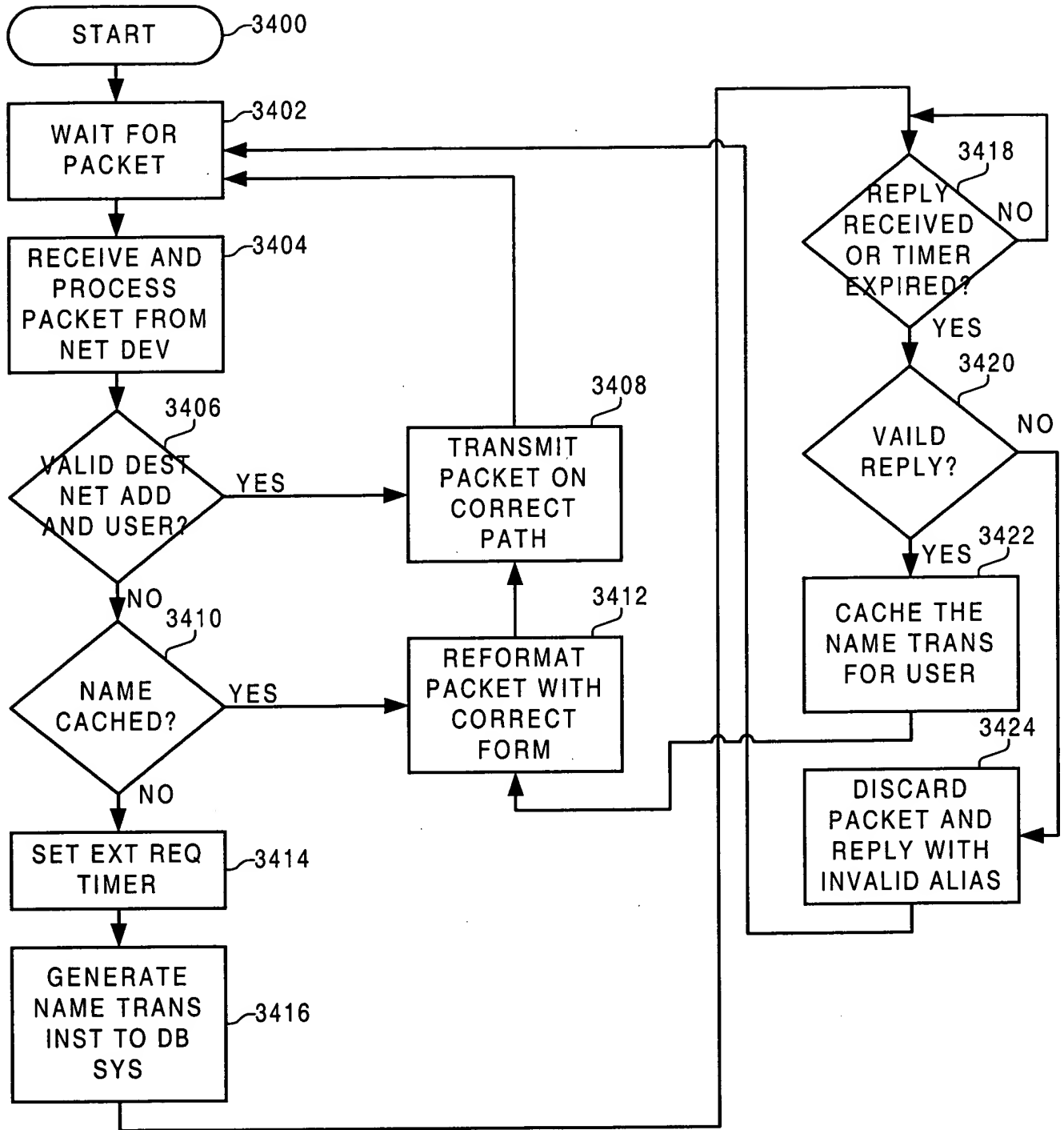


FIG. 34

FIG. 35

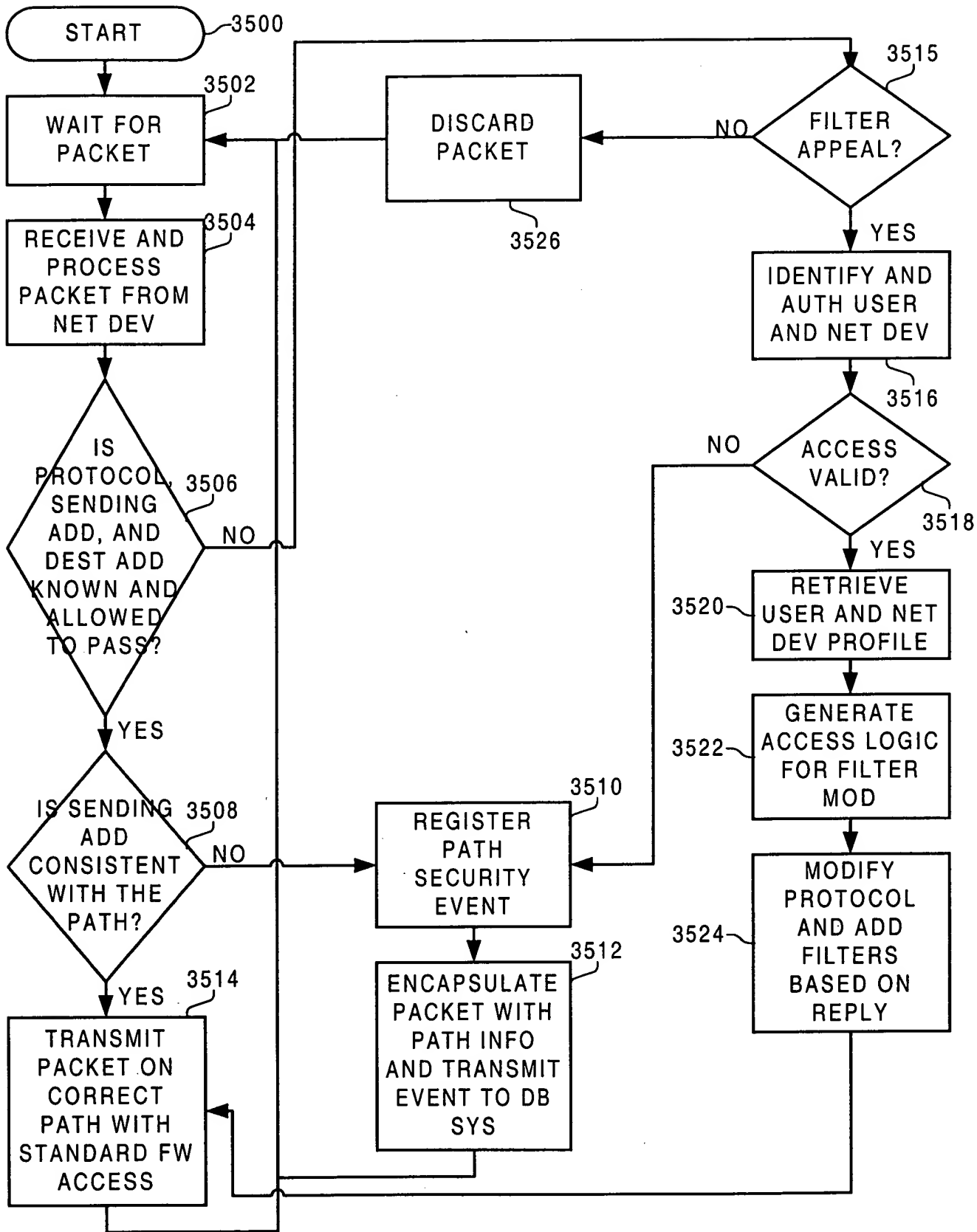


FIG. 35

FIG. 36

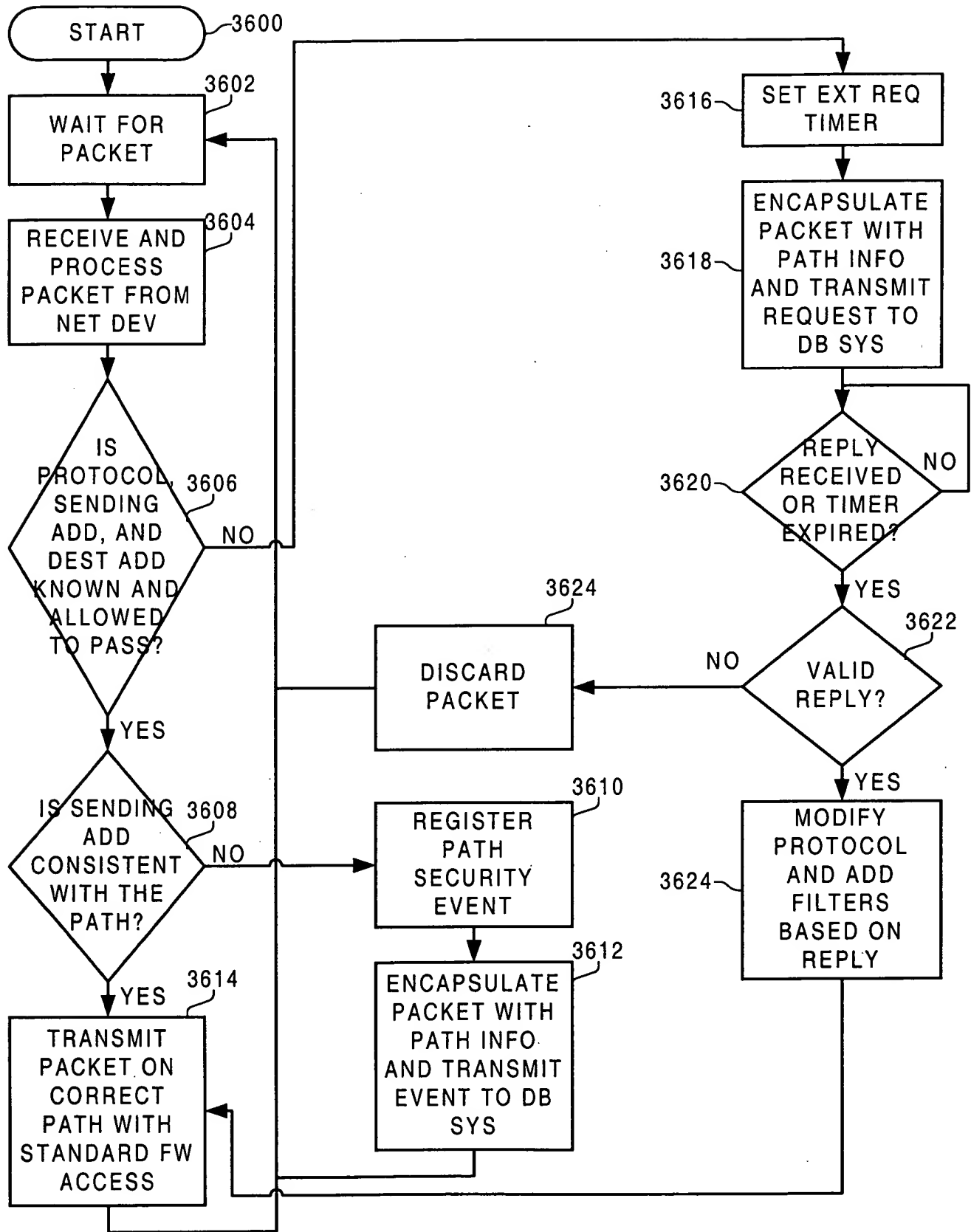


FIG. 36

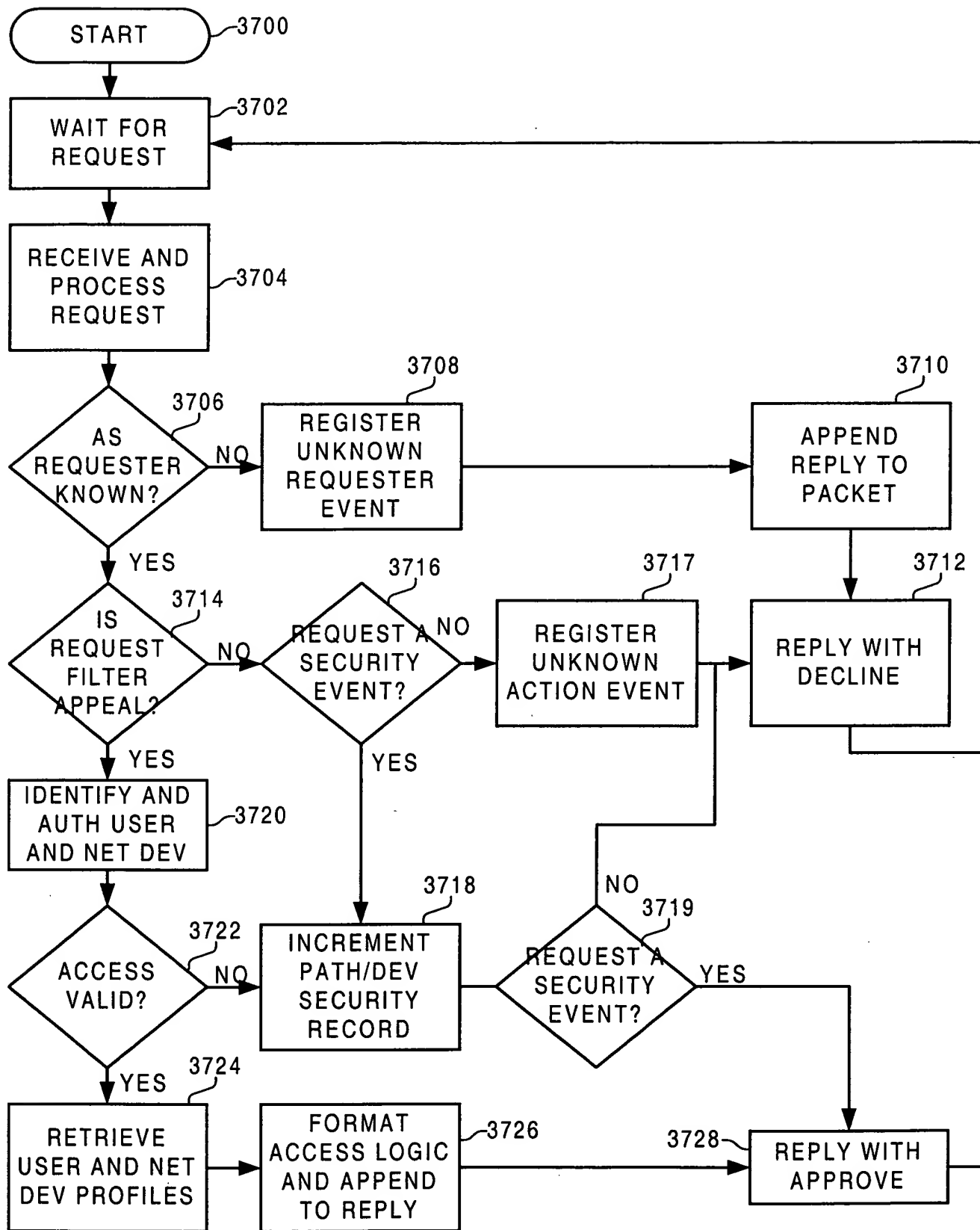


FIG. 37

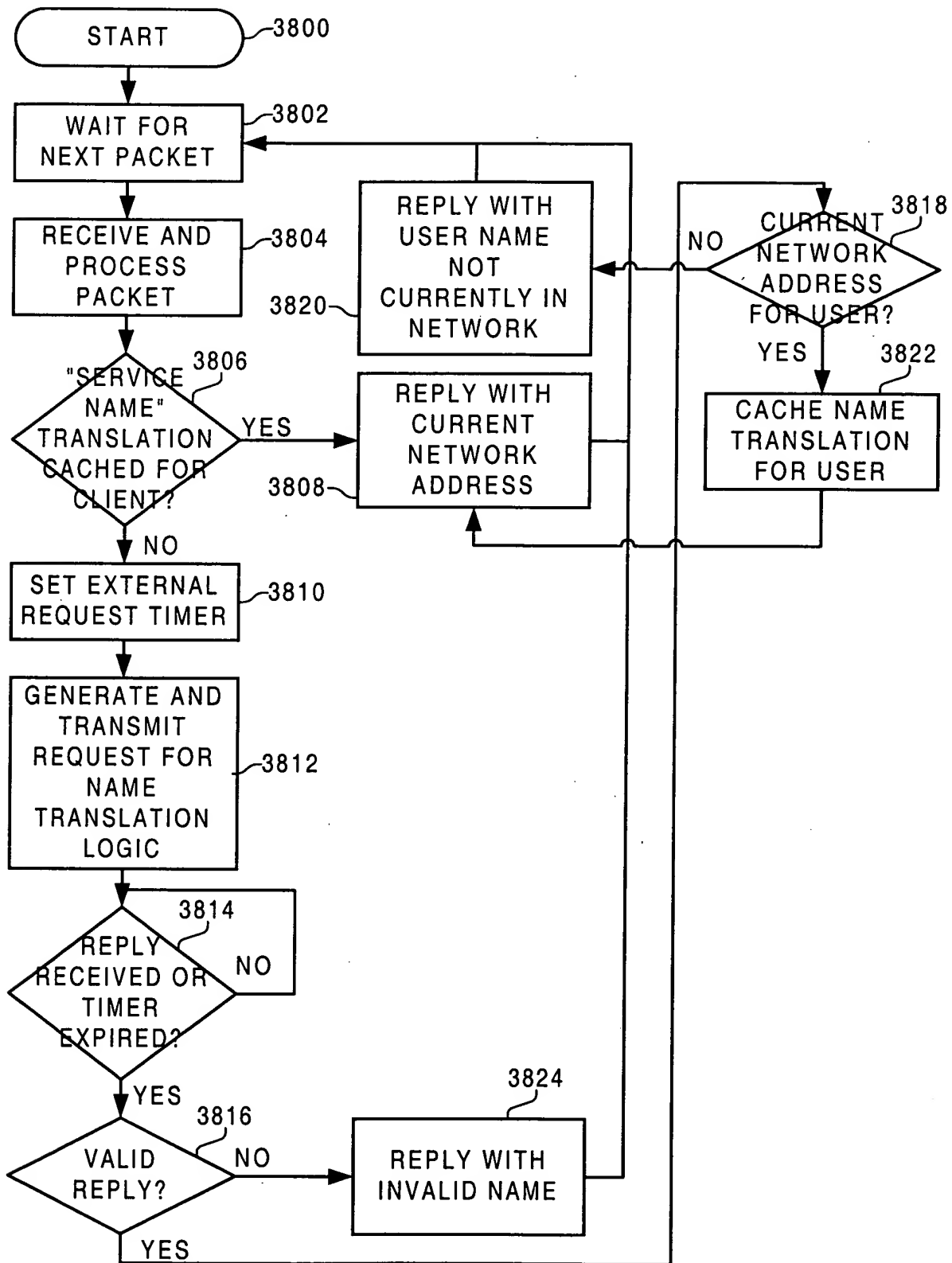


FIG. 38

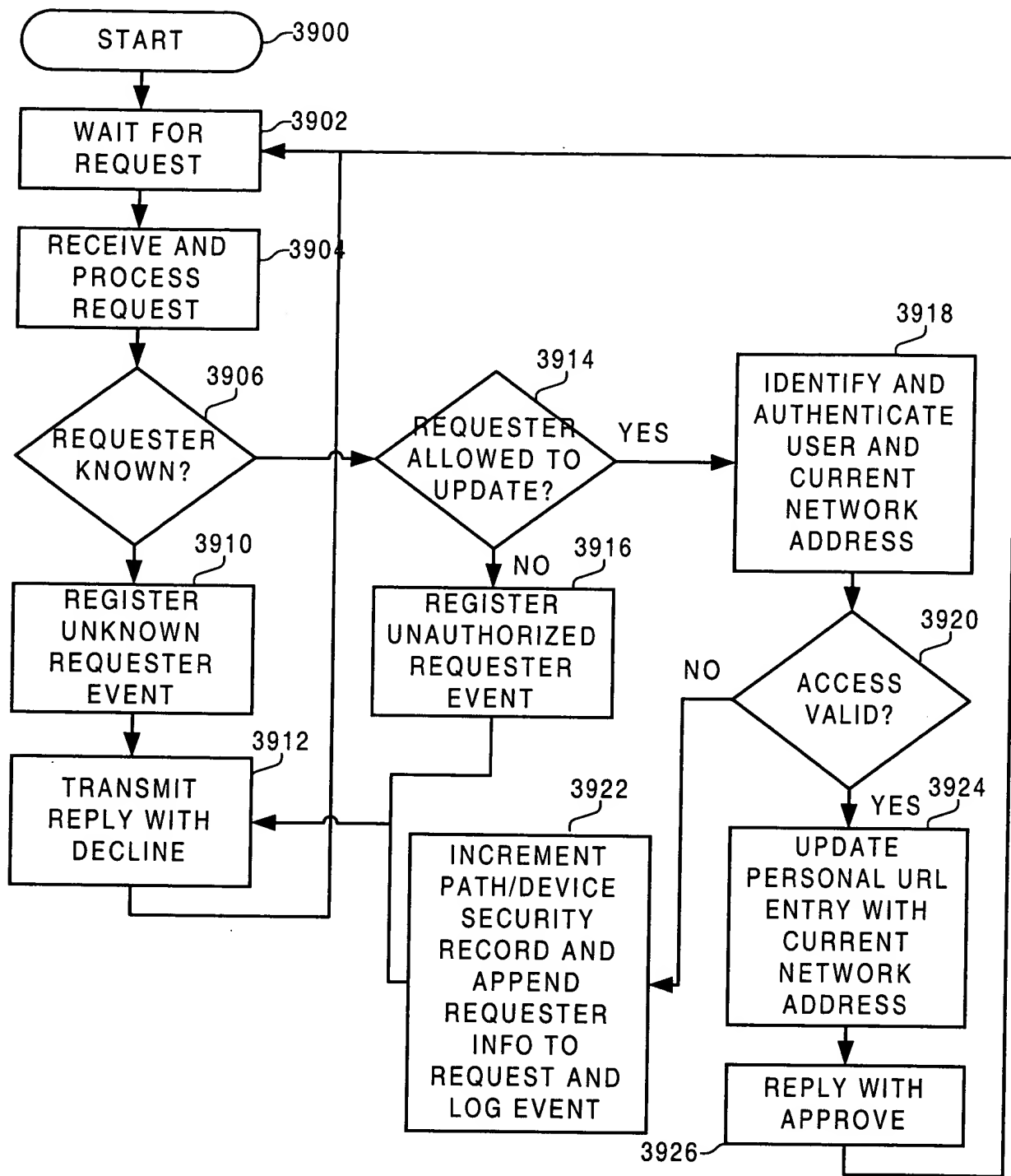


FIG. 39

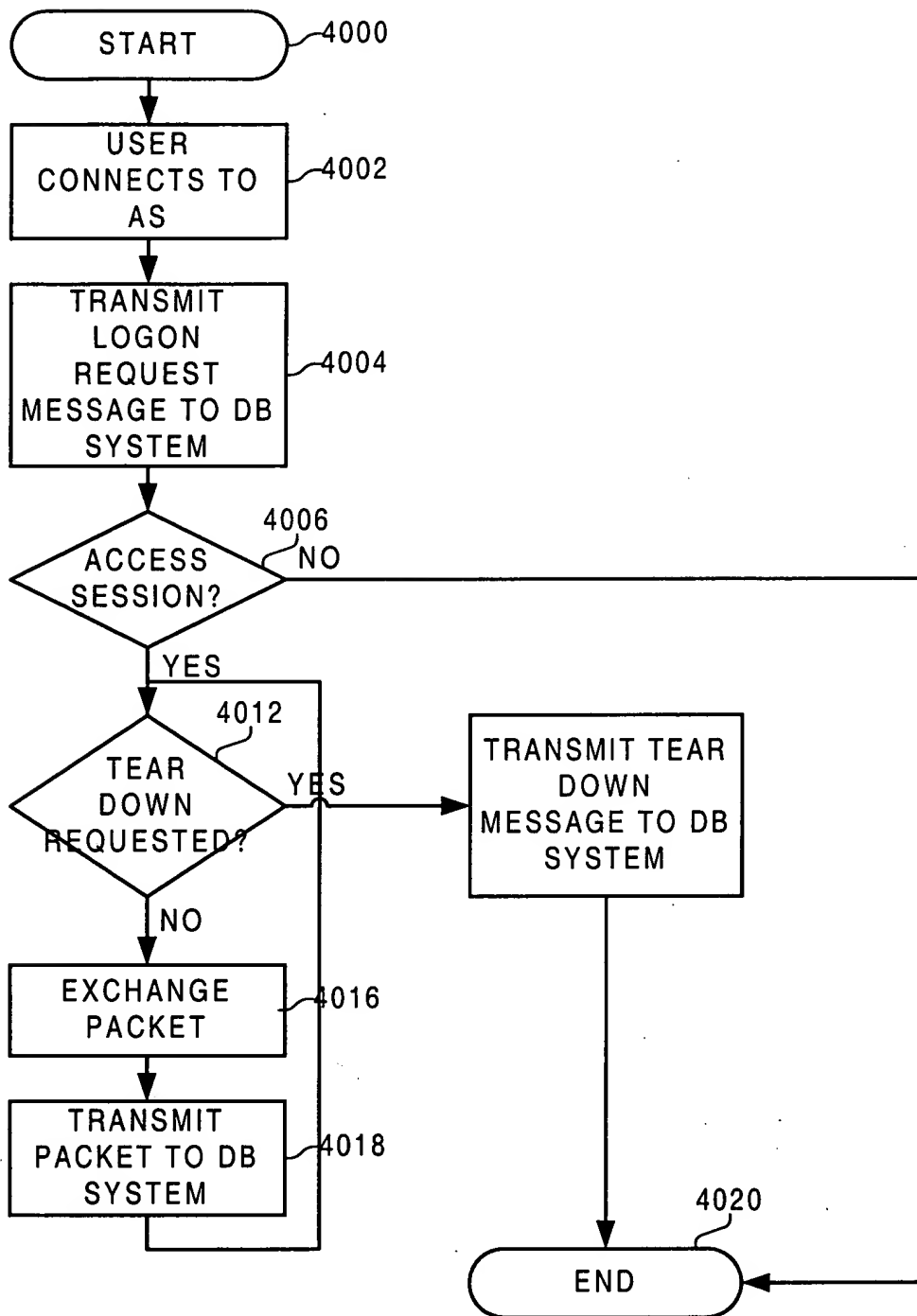


FIG. 40

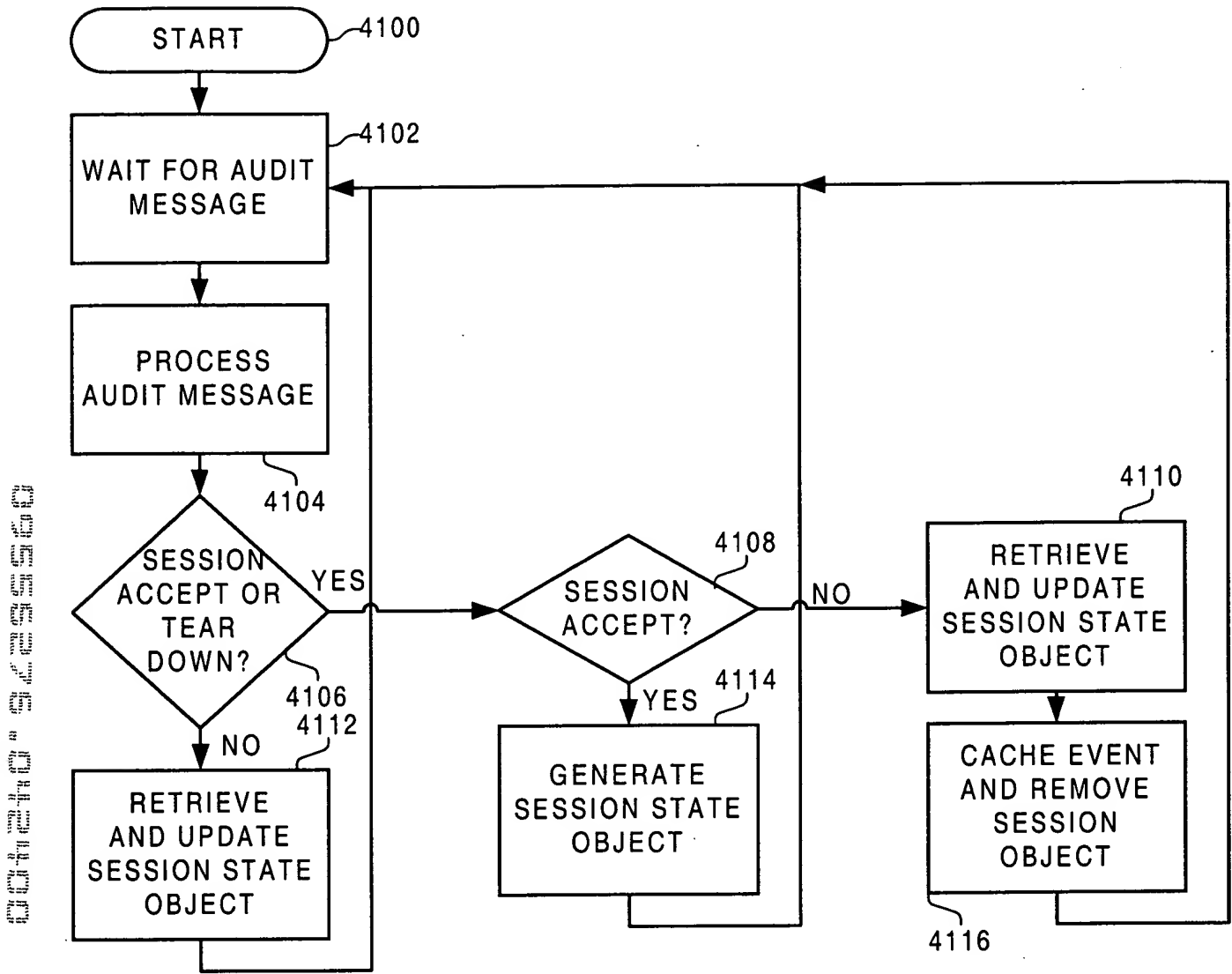


FIG. 41

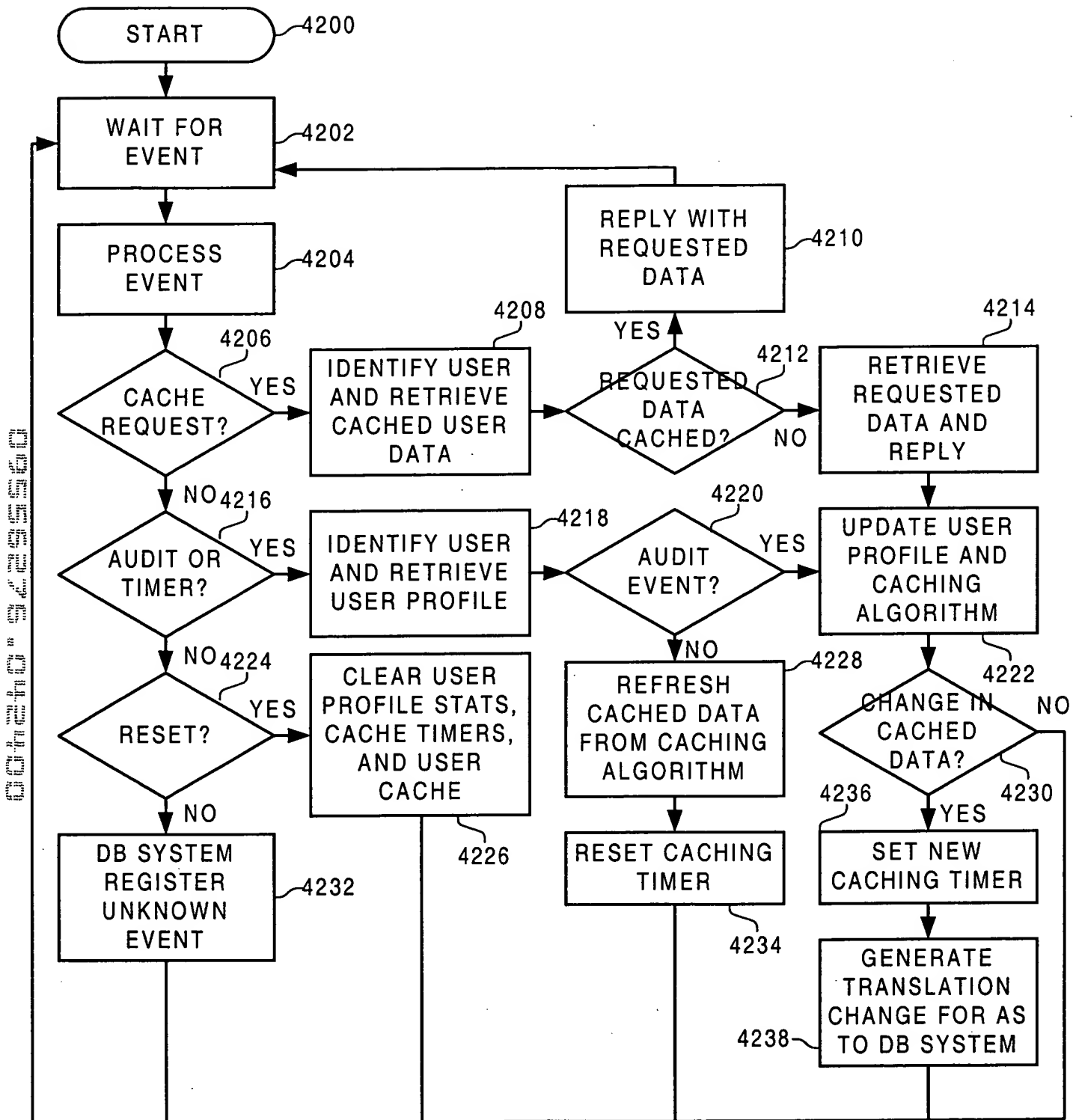


FIG. 42

FIG. 43

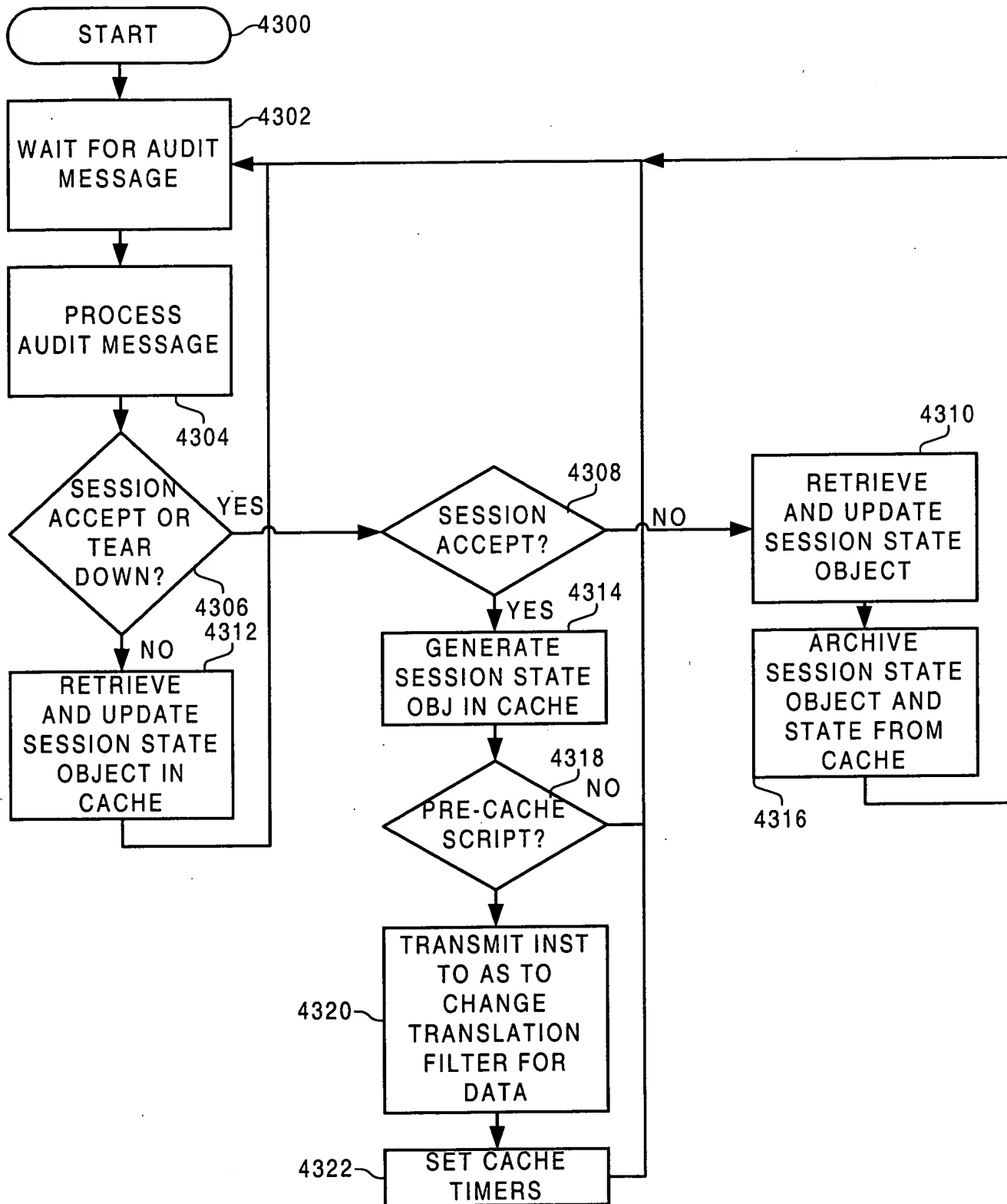


FIG. 43

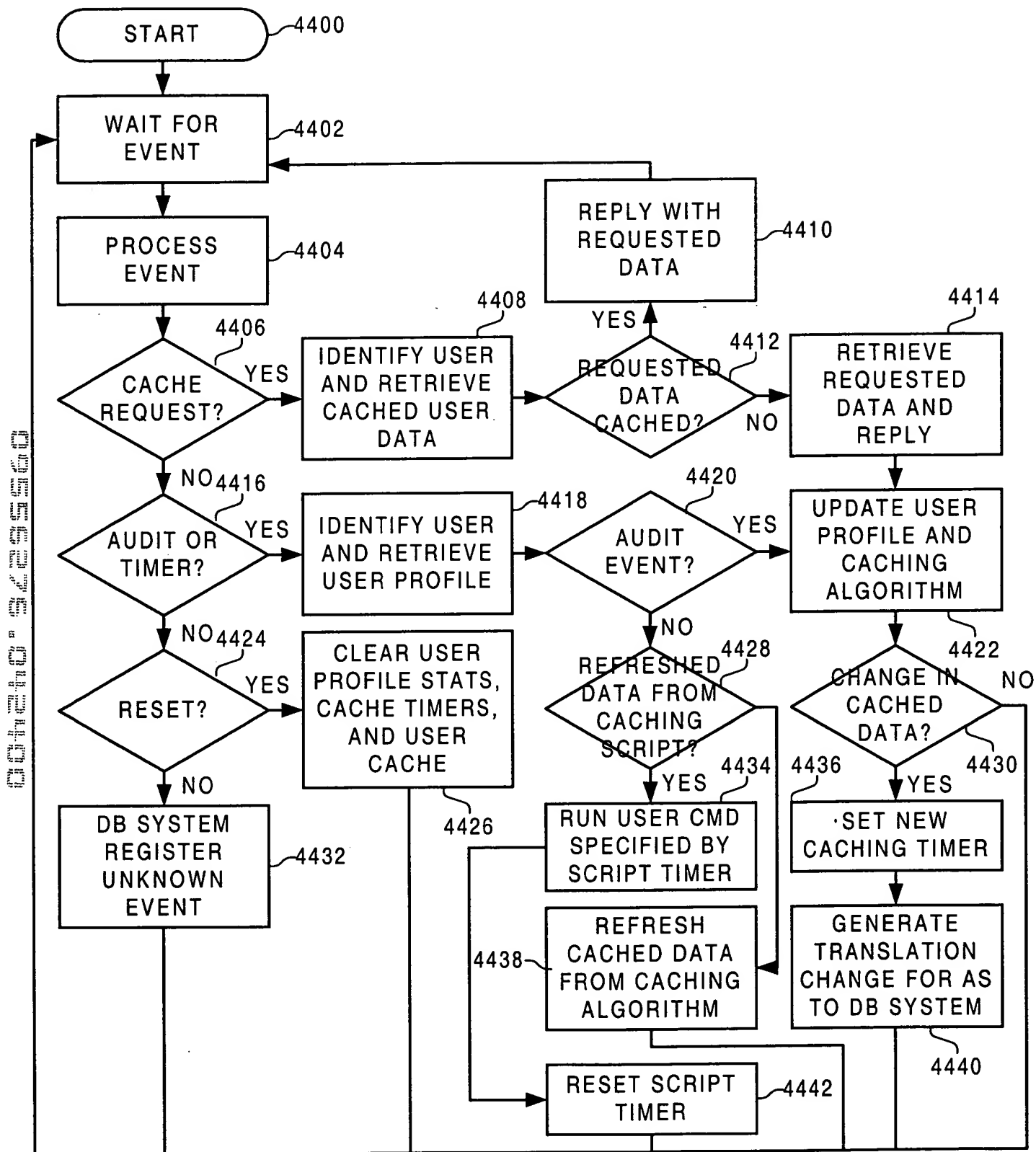


FIG. 44

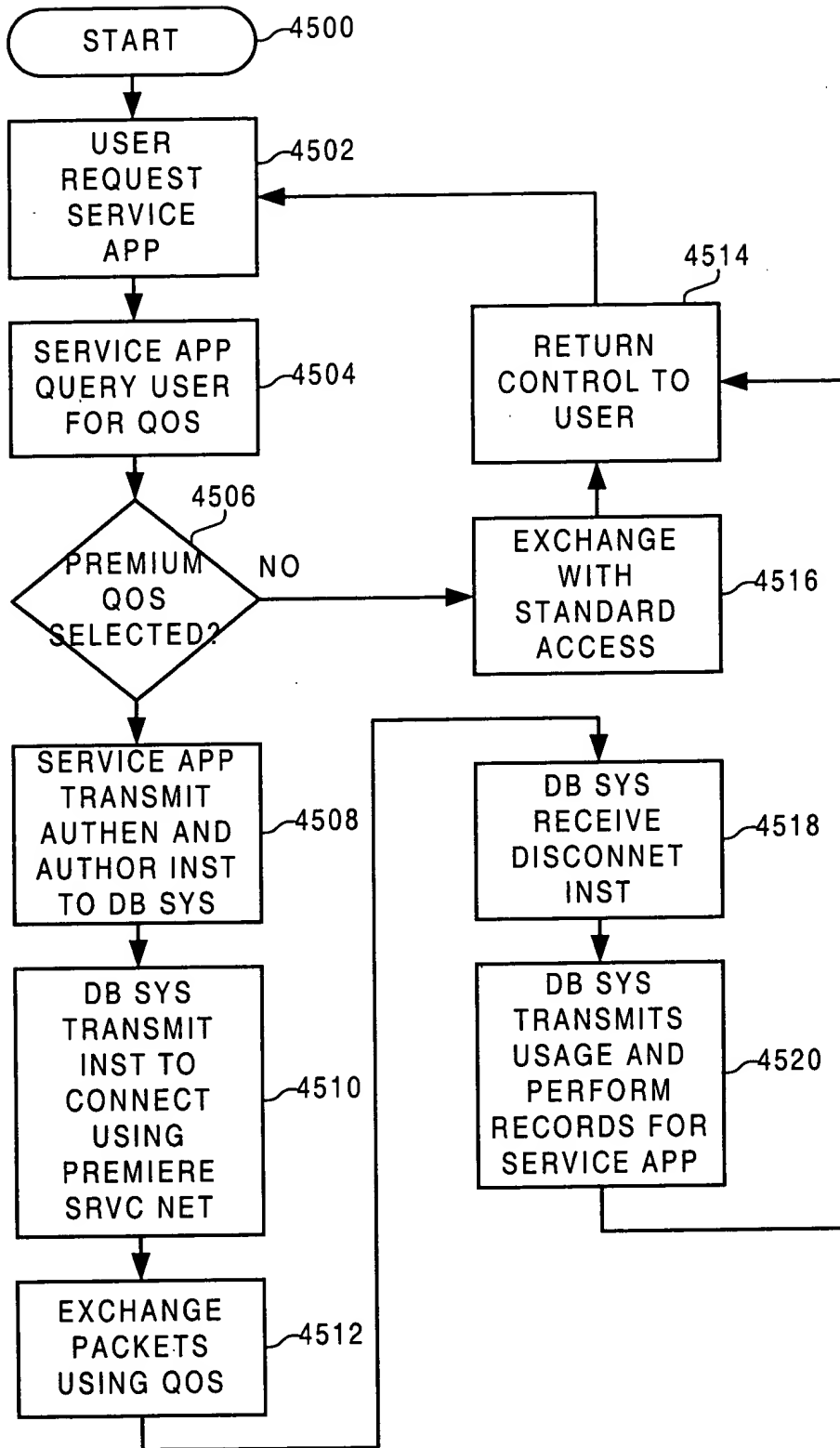


FIG. 45

FIG. 46

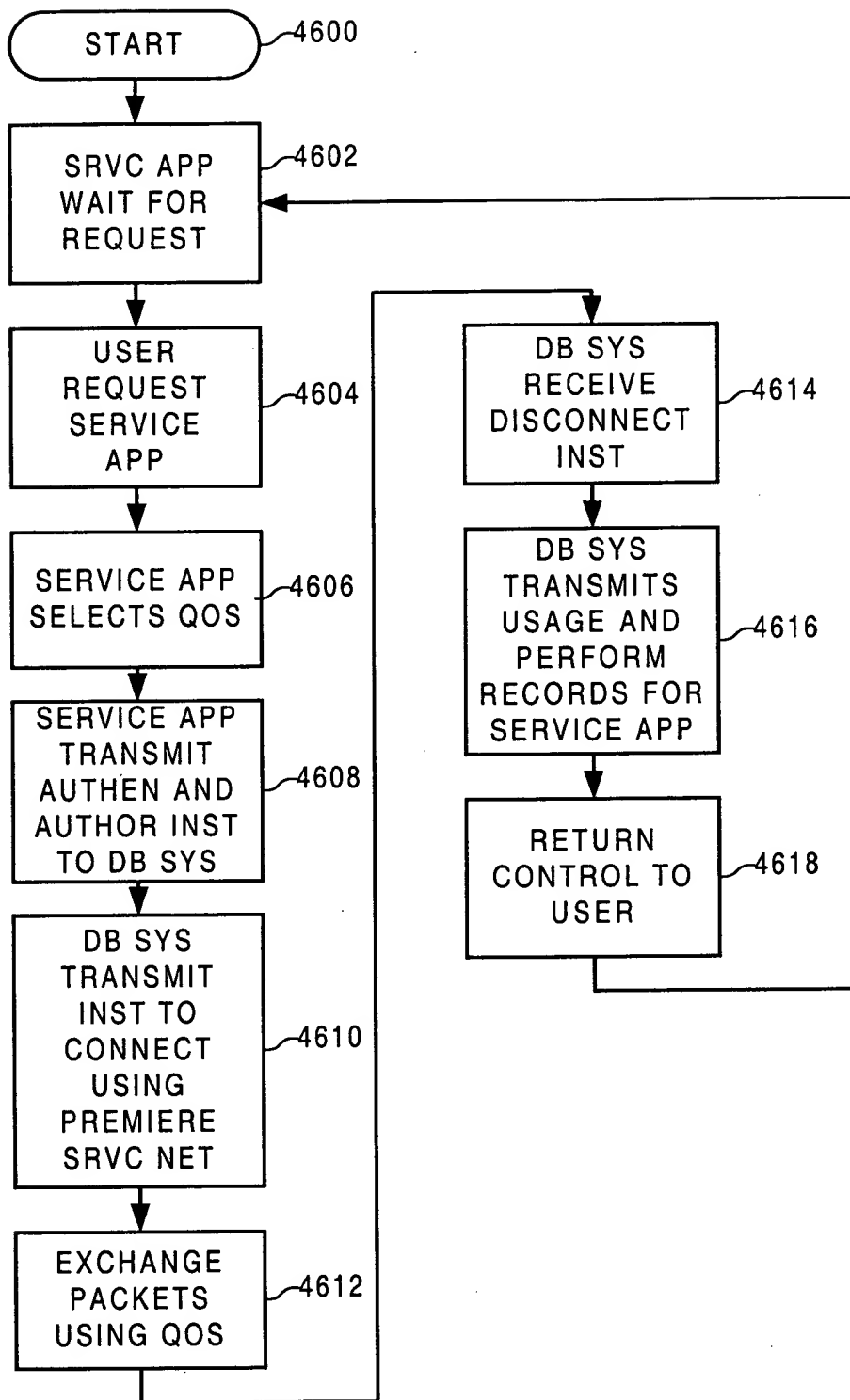


FIG. 46

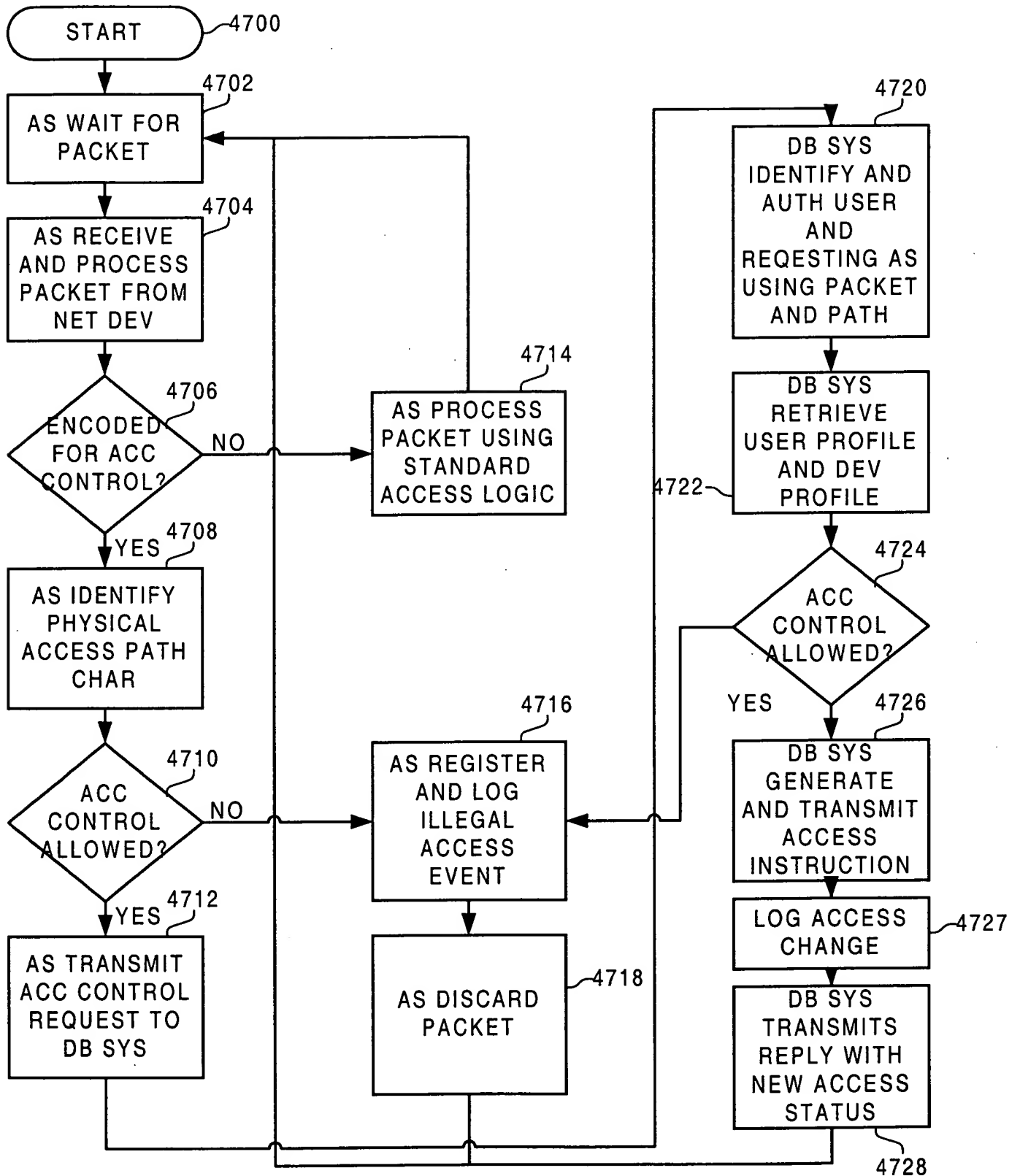


FIG. 47

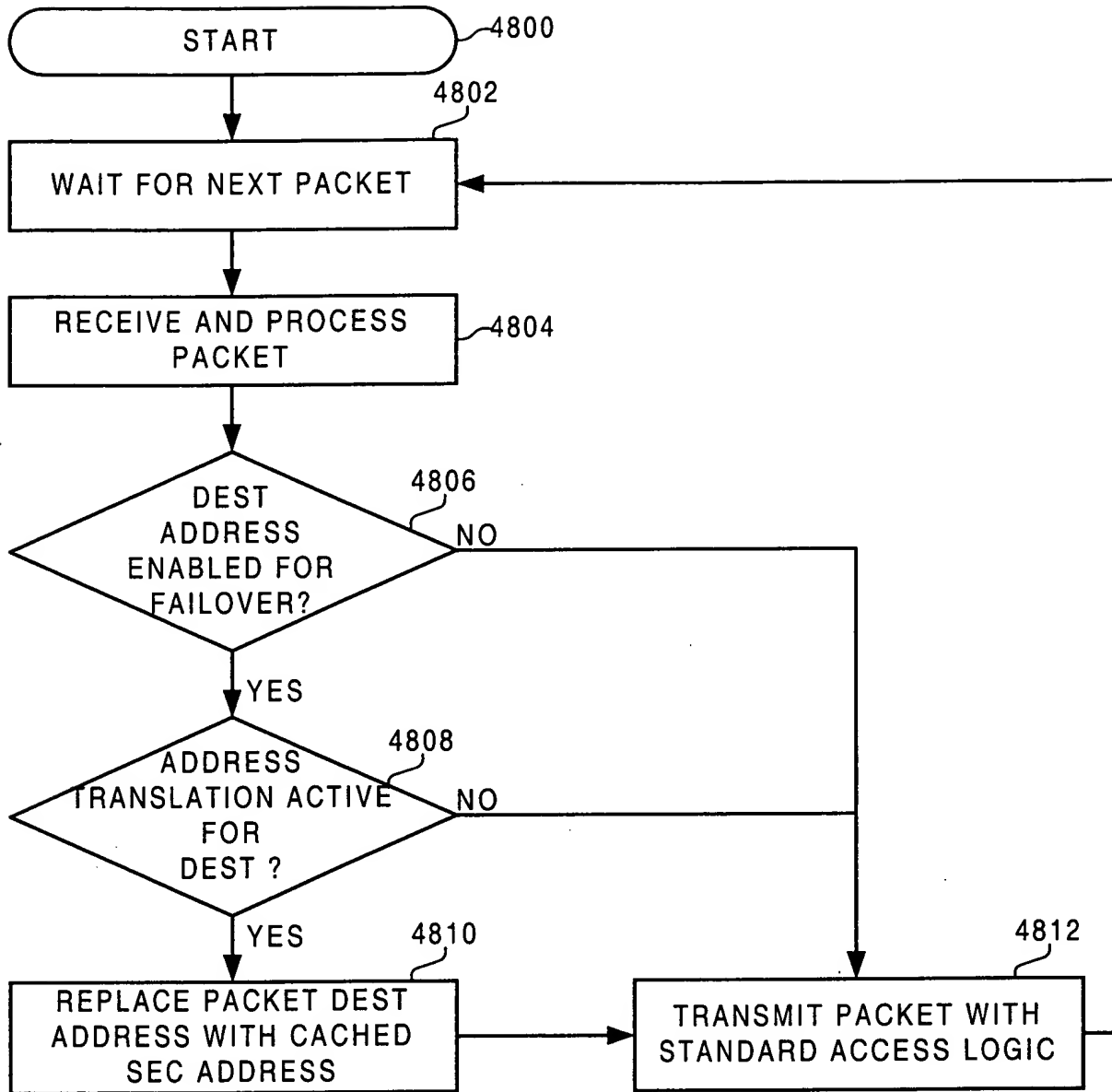


FIG. 48

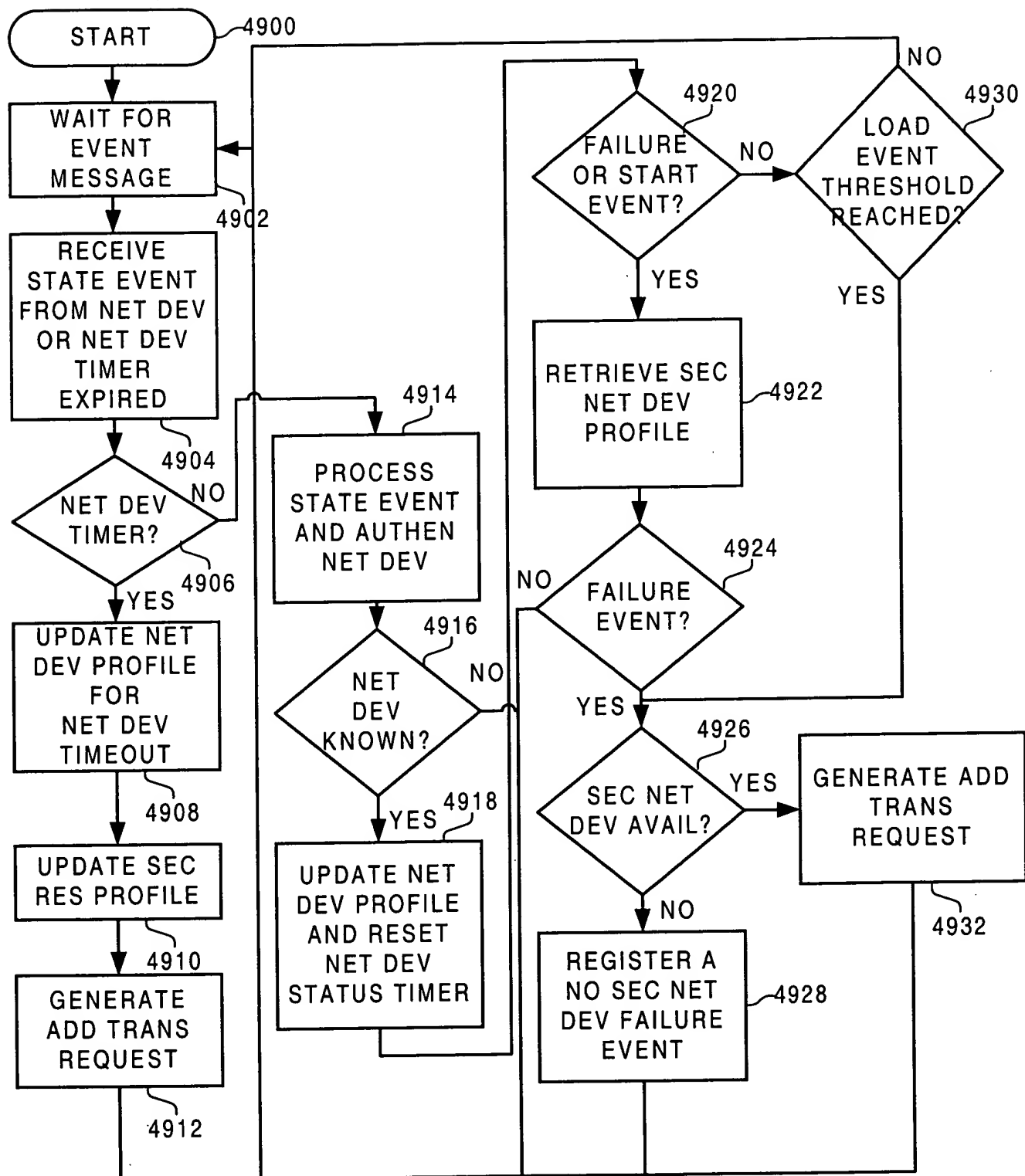


FIG. 49

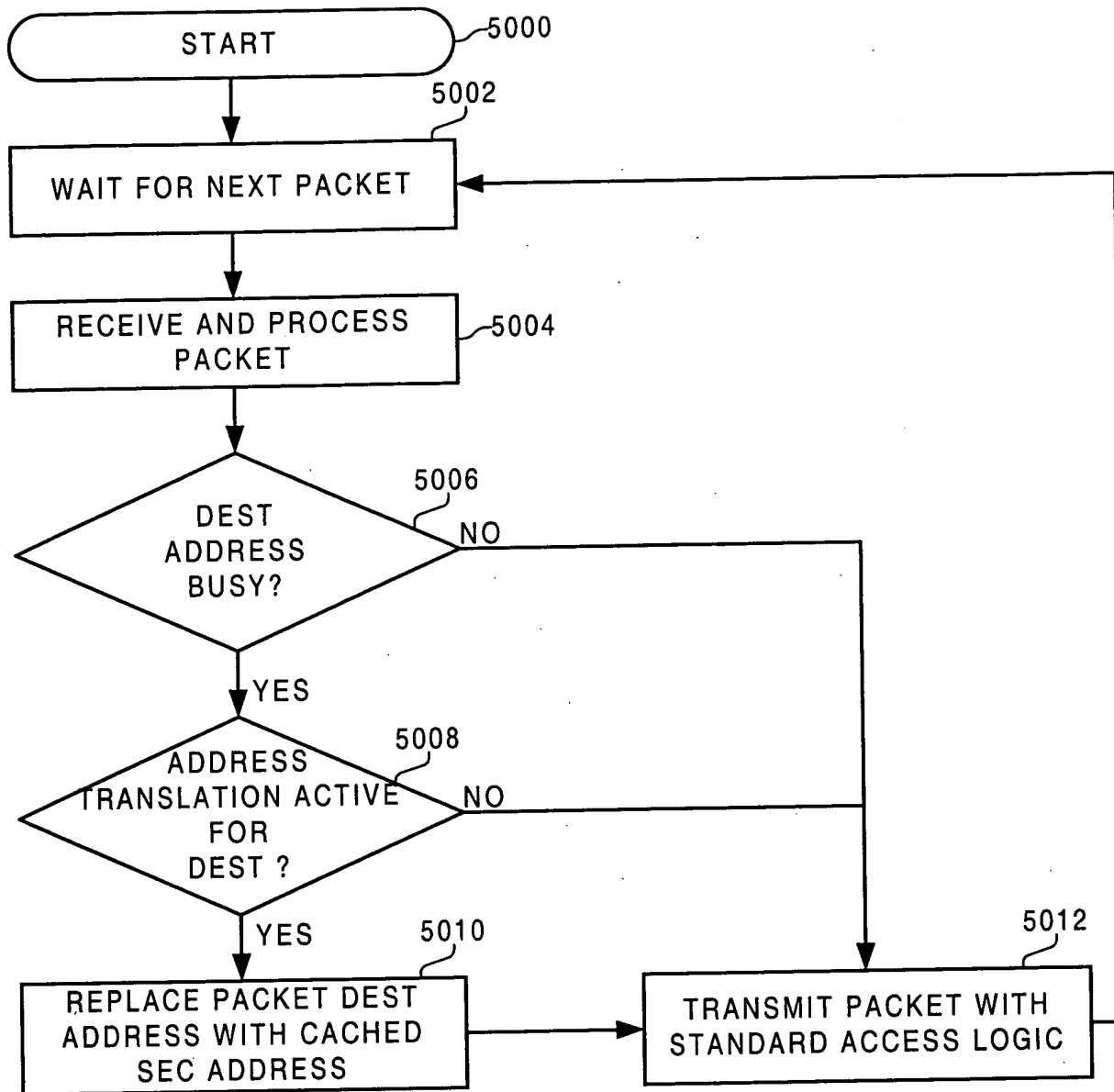


FIG. 50

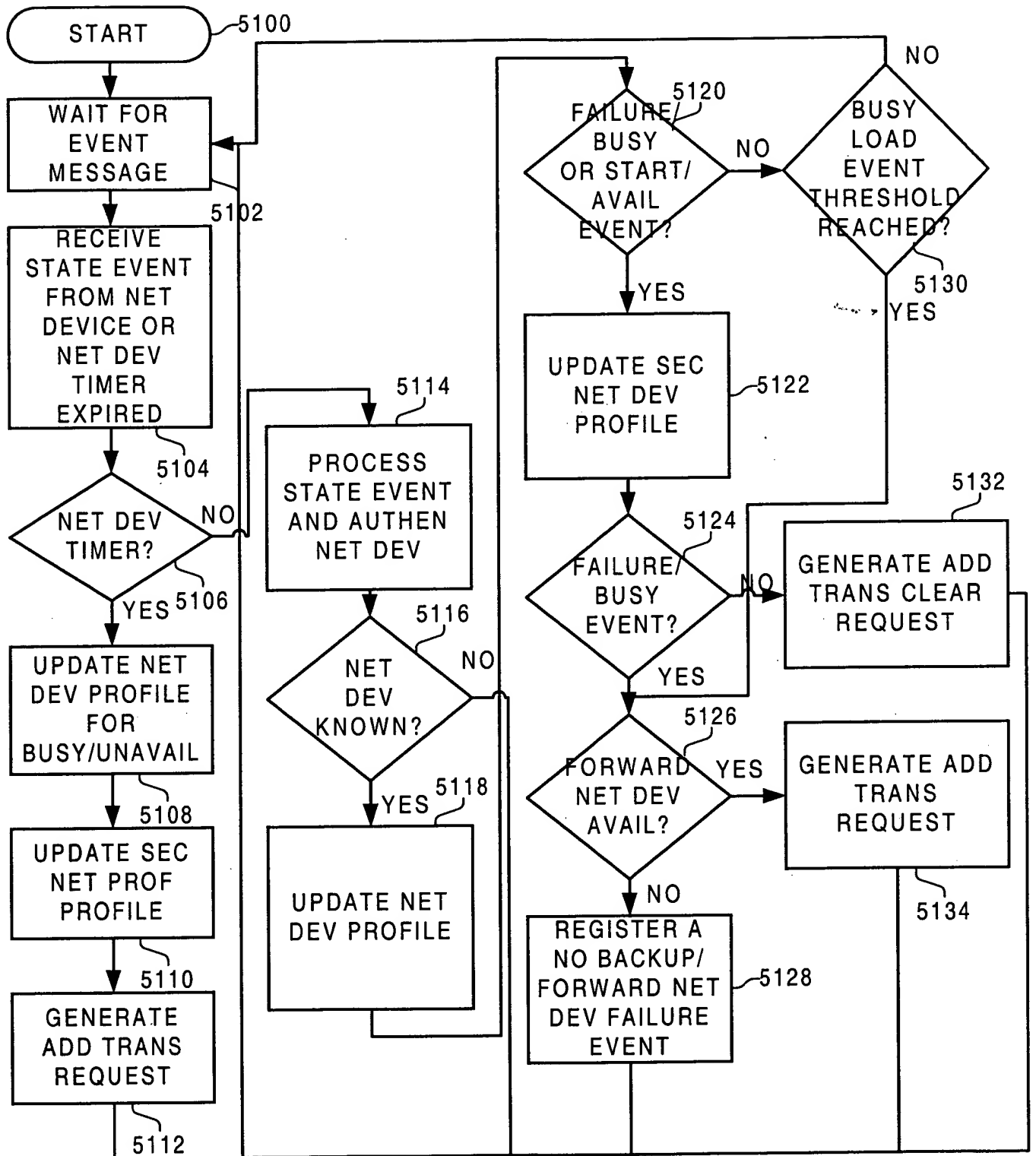


FIG. 51

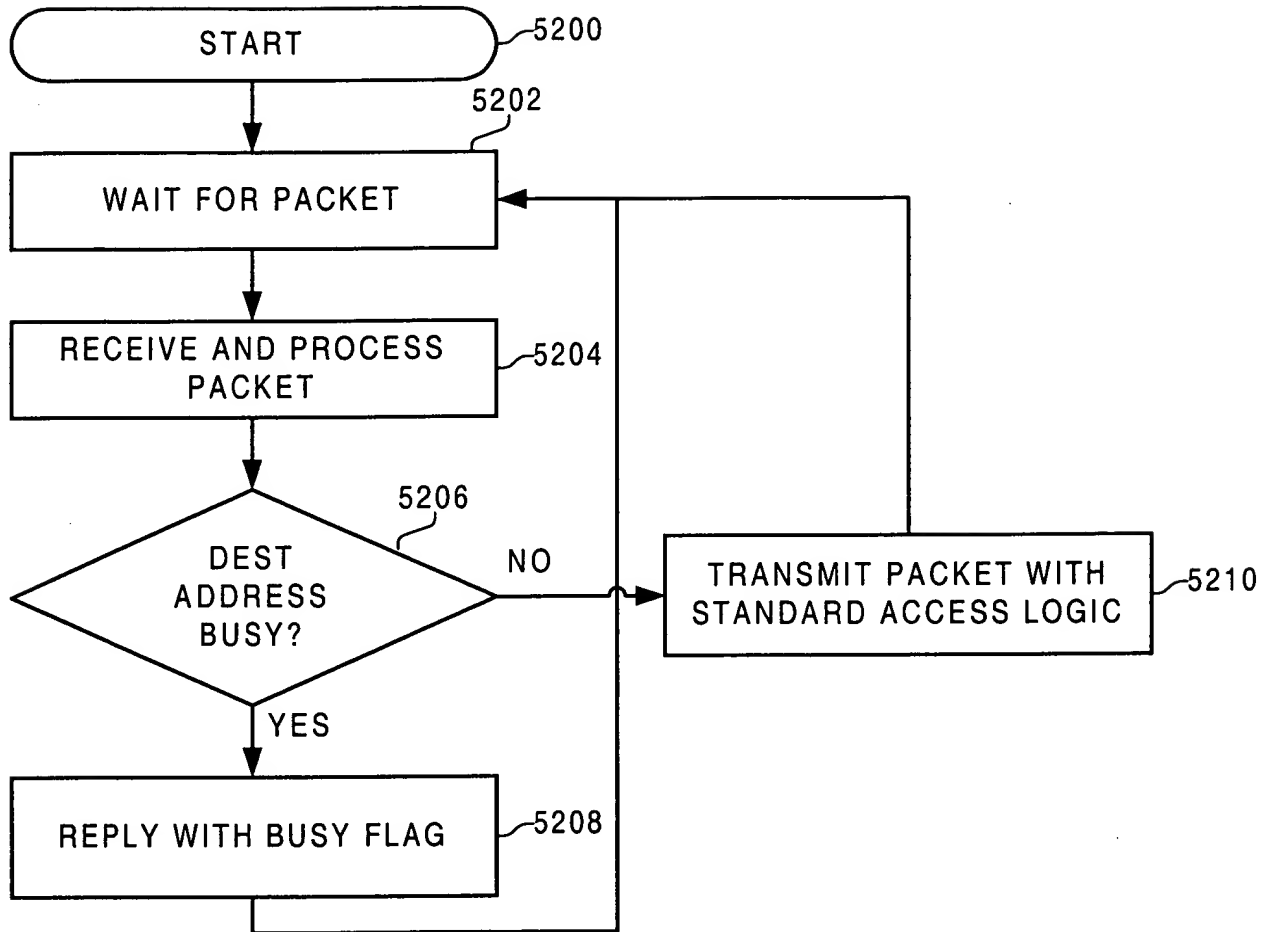


FIG. 52

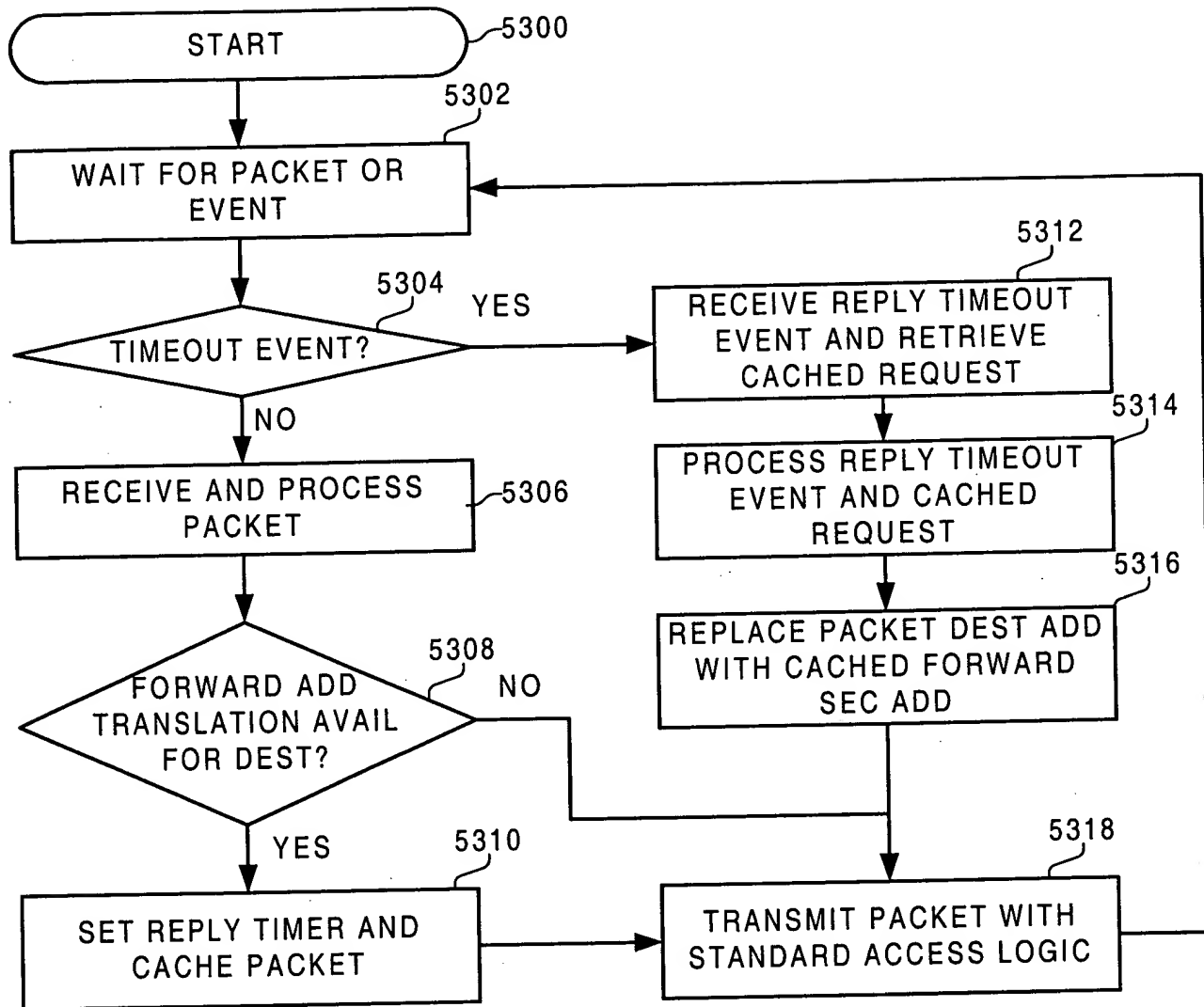


FIG. 53

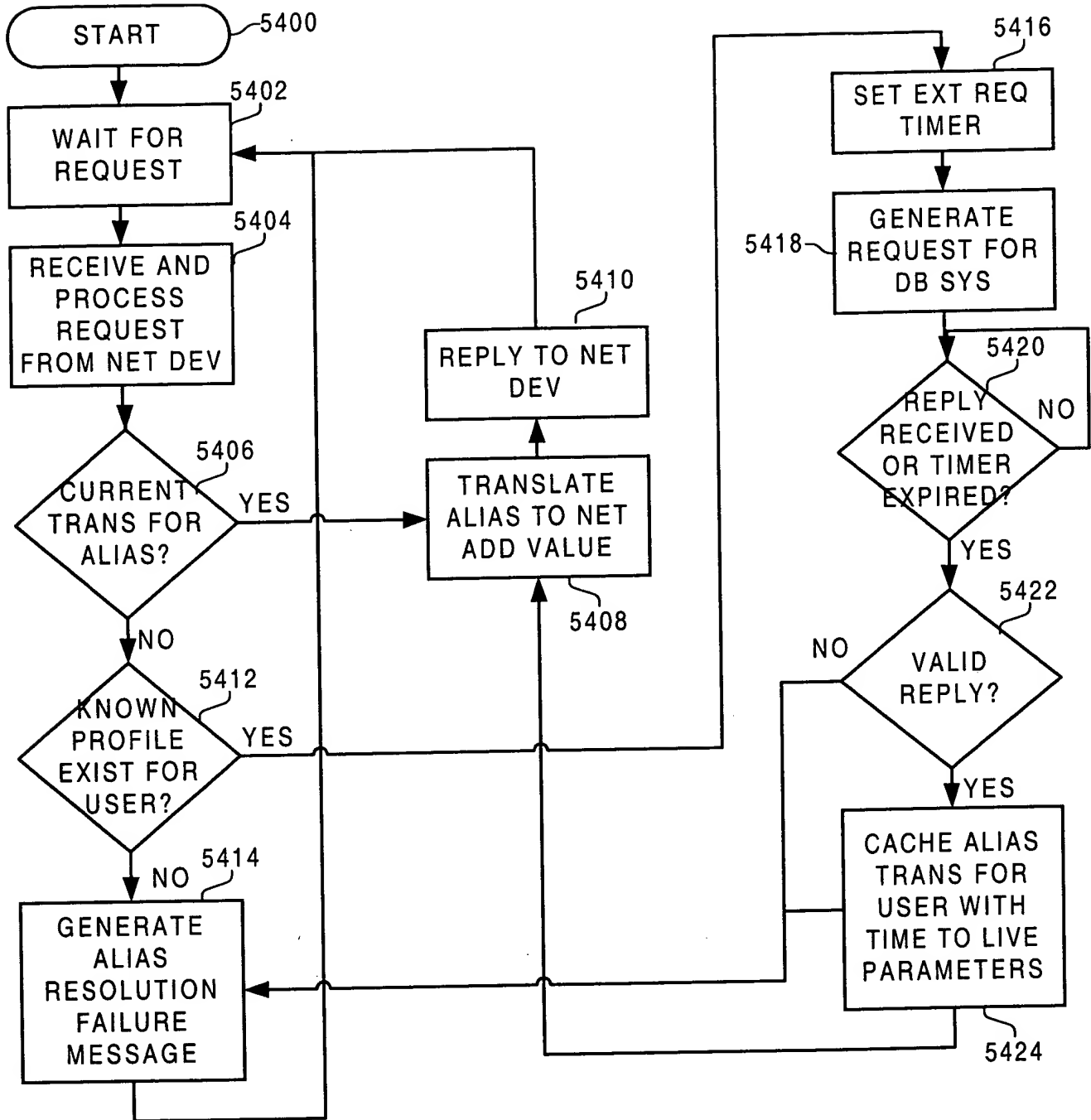


FIG. 54

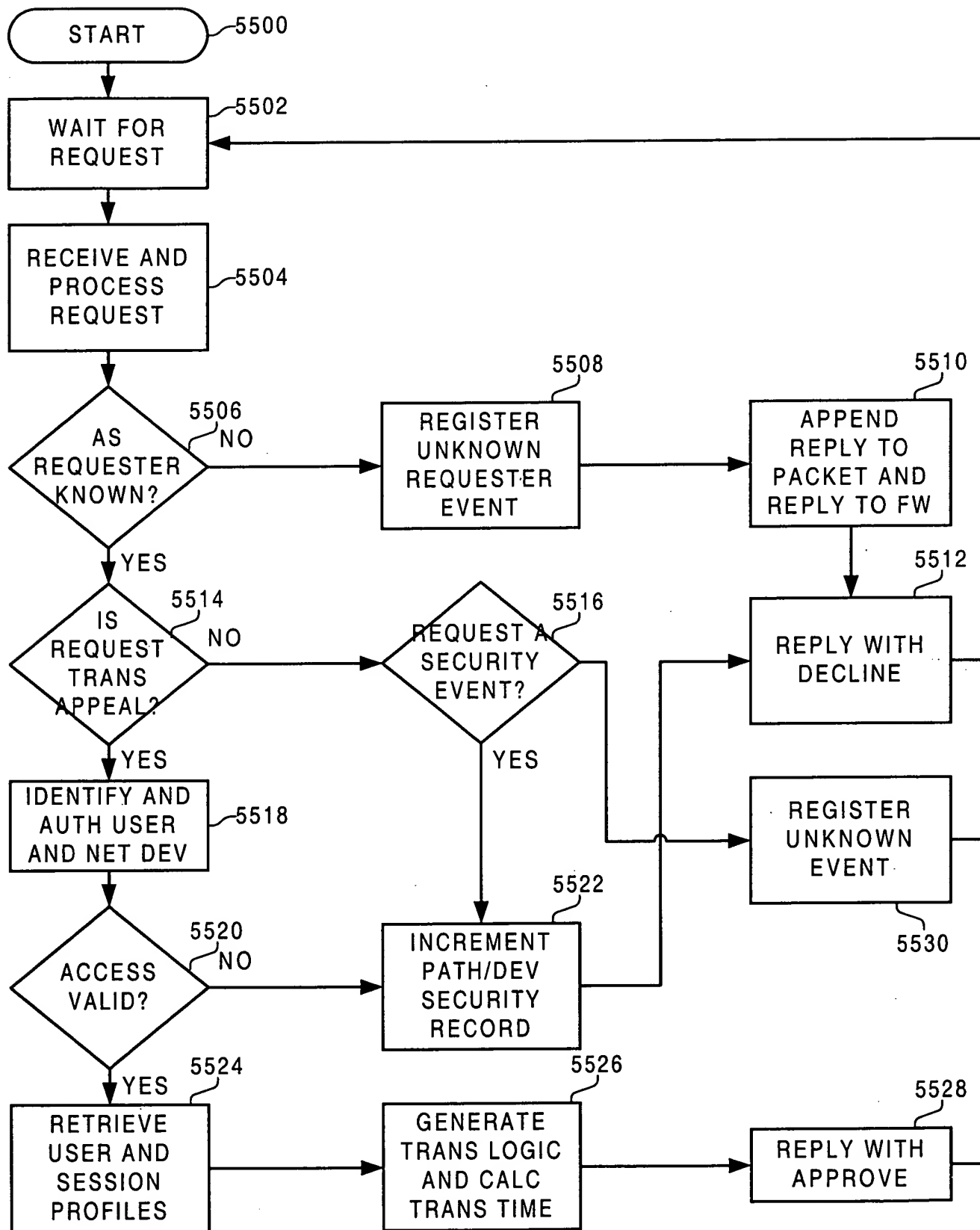


FIG. 55

00740" 229516

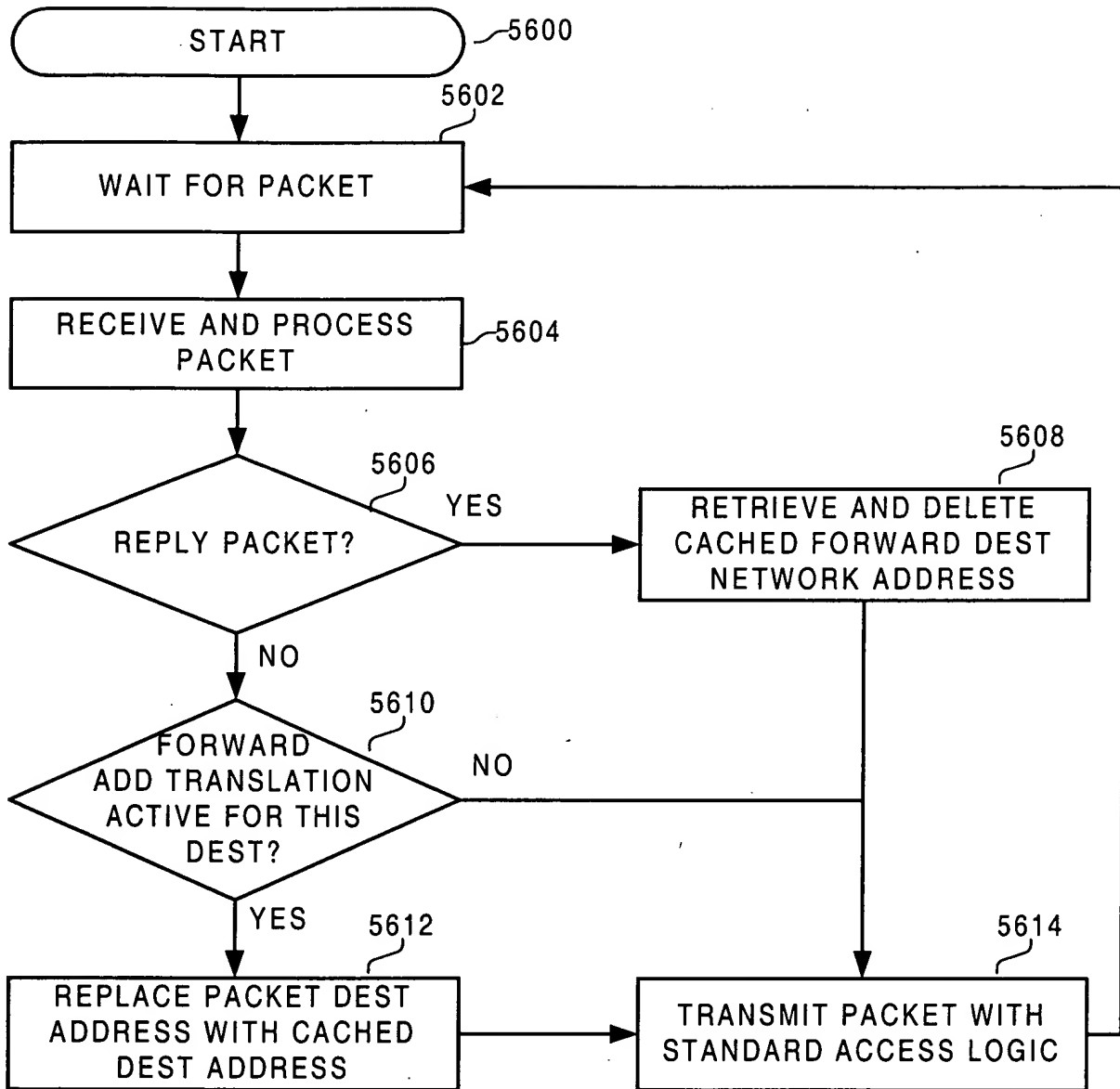


FIG. 56

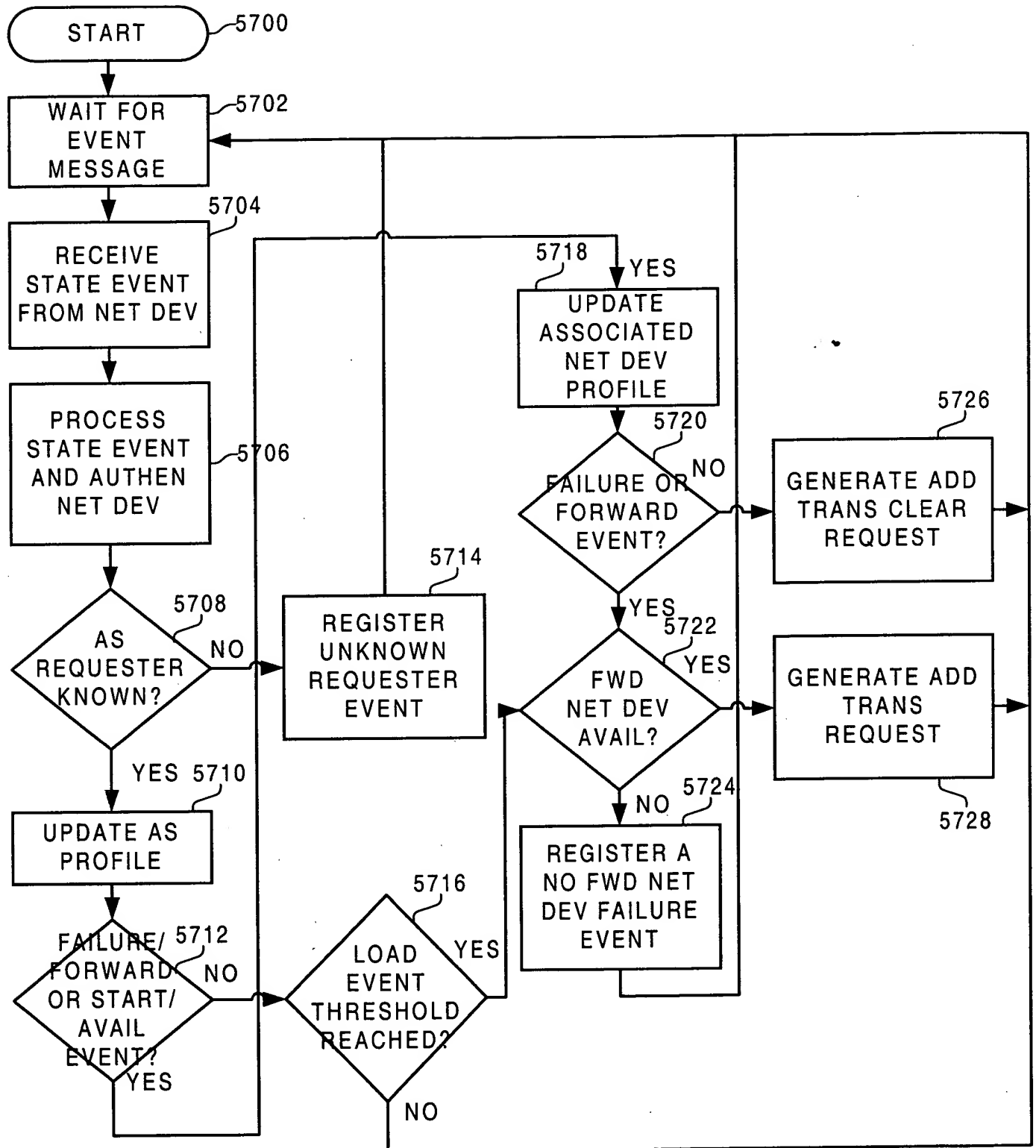


FIG. 57

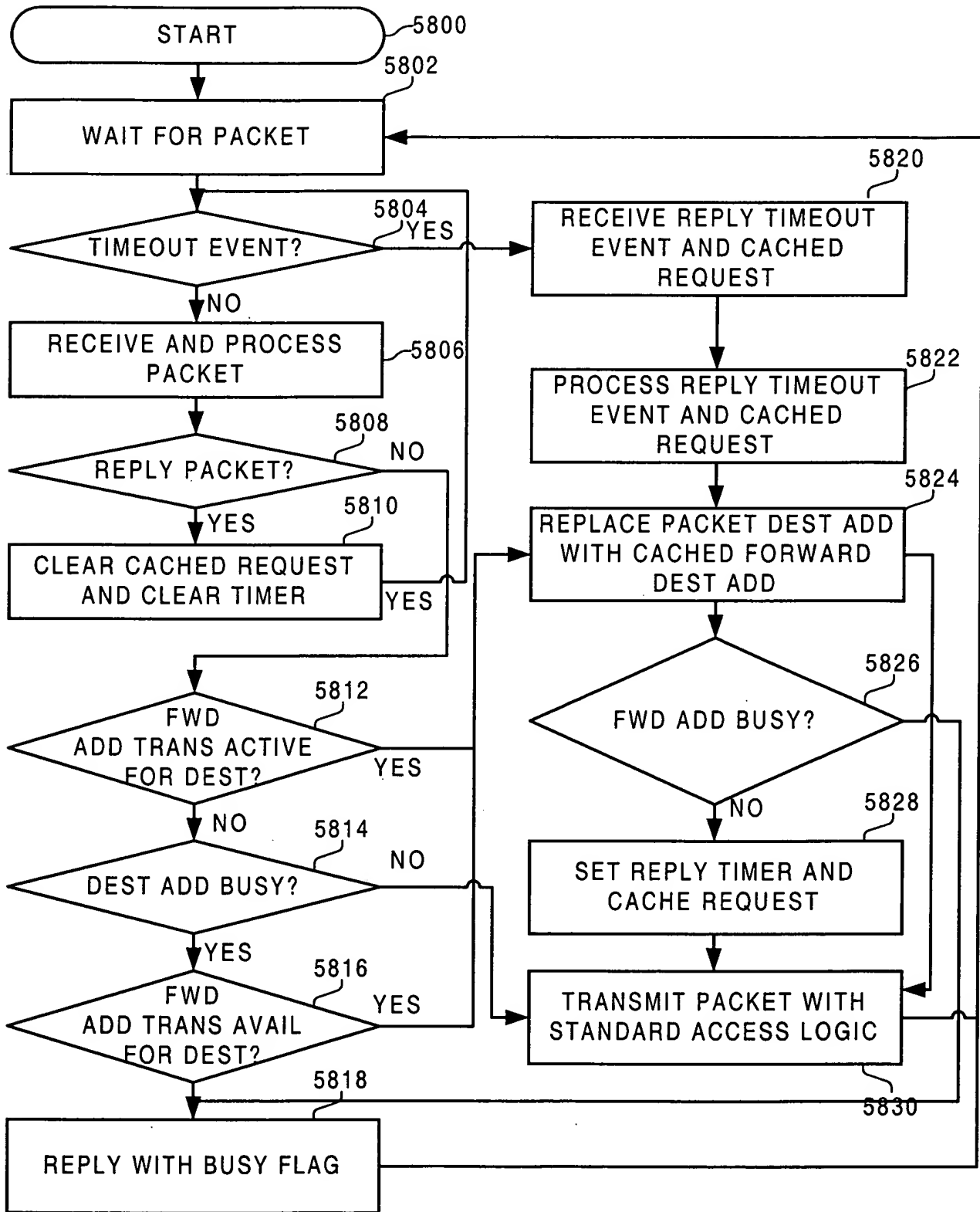


FIG. 58

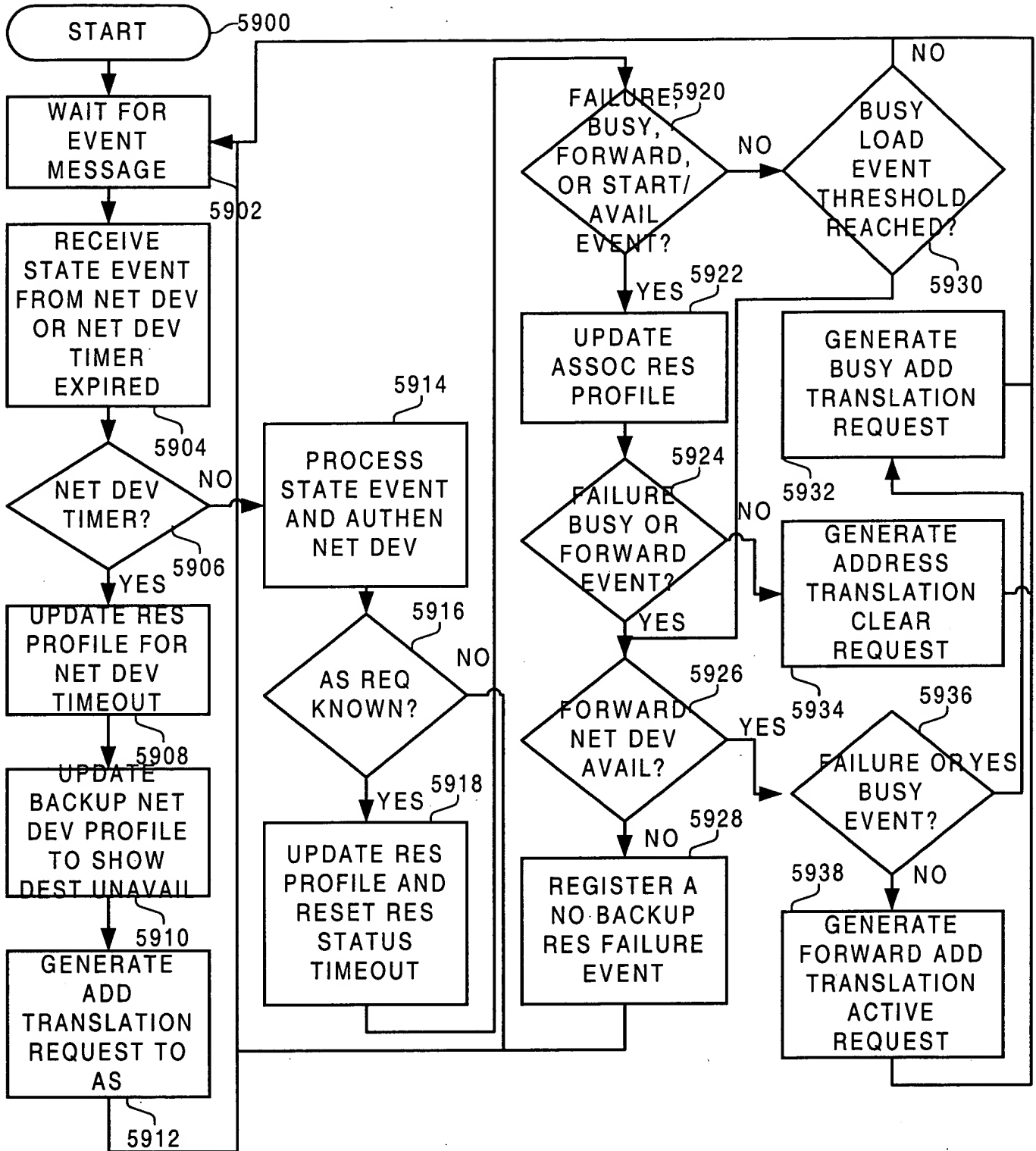


FIG. 59

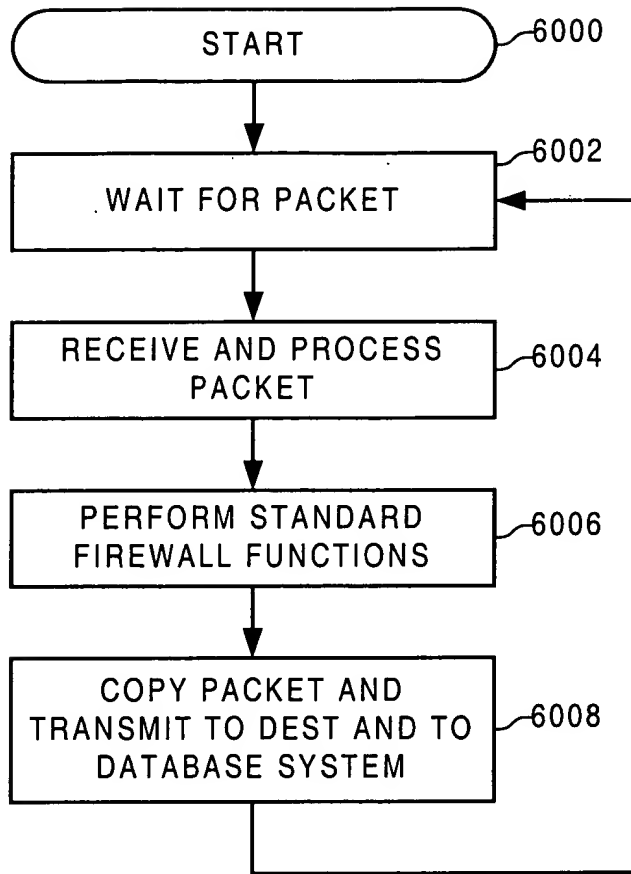


FIG. 60

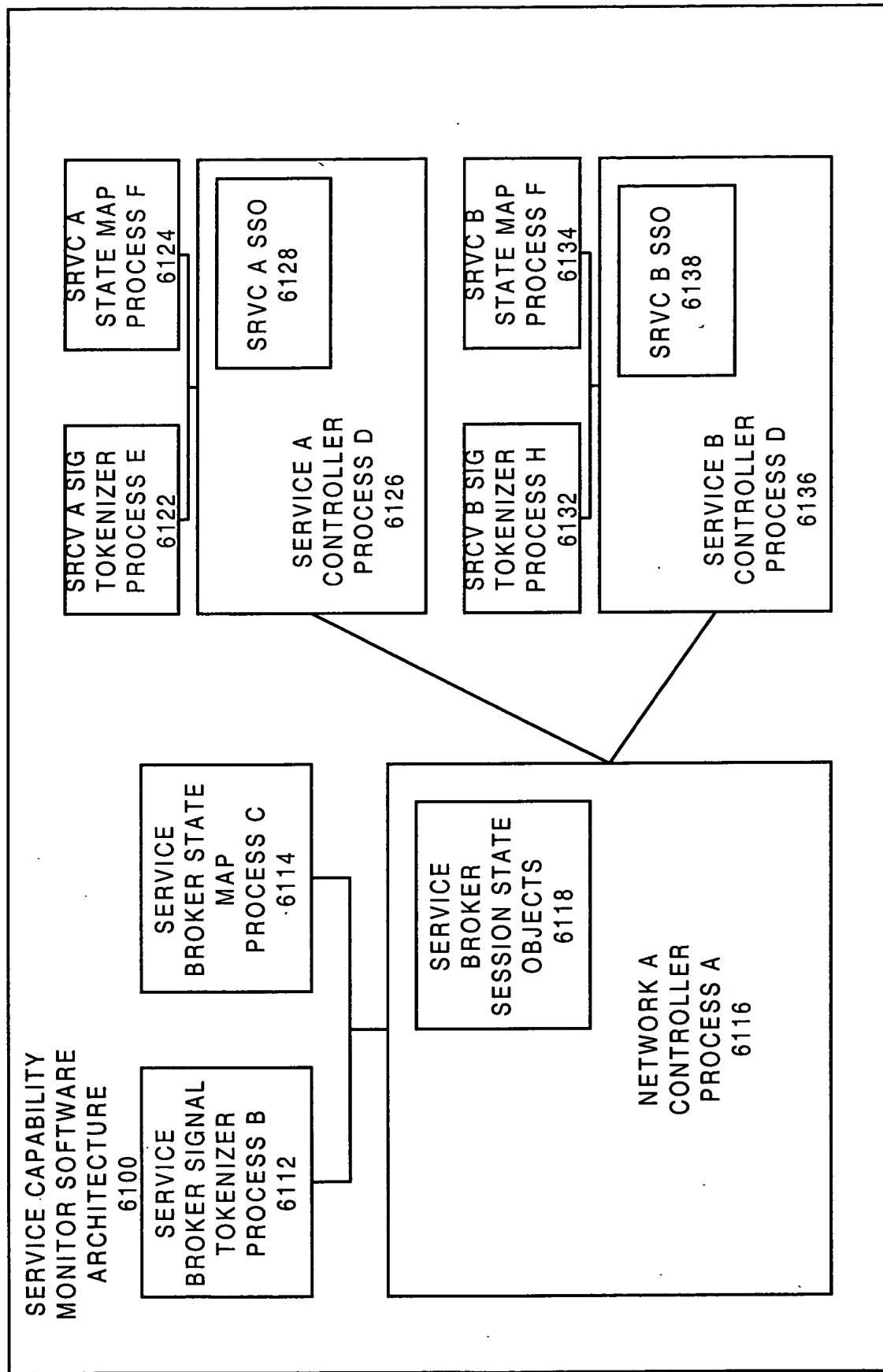


FIG. 61

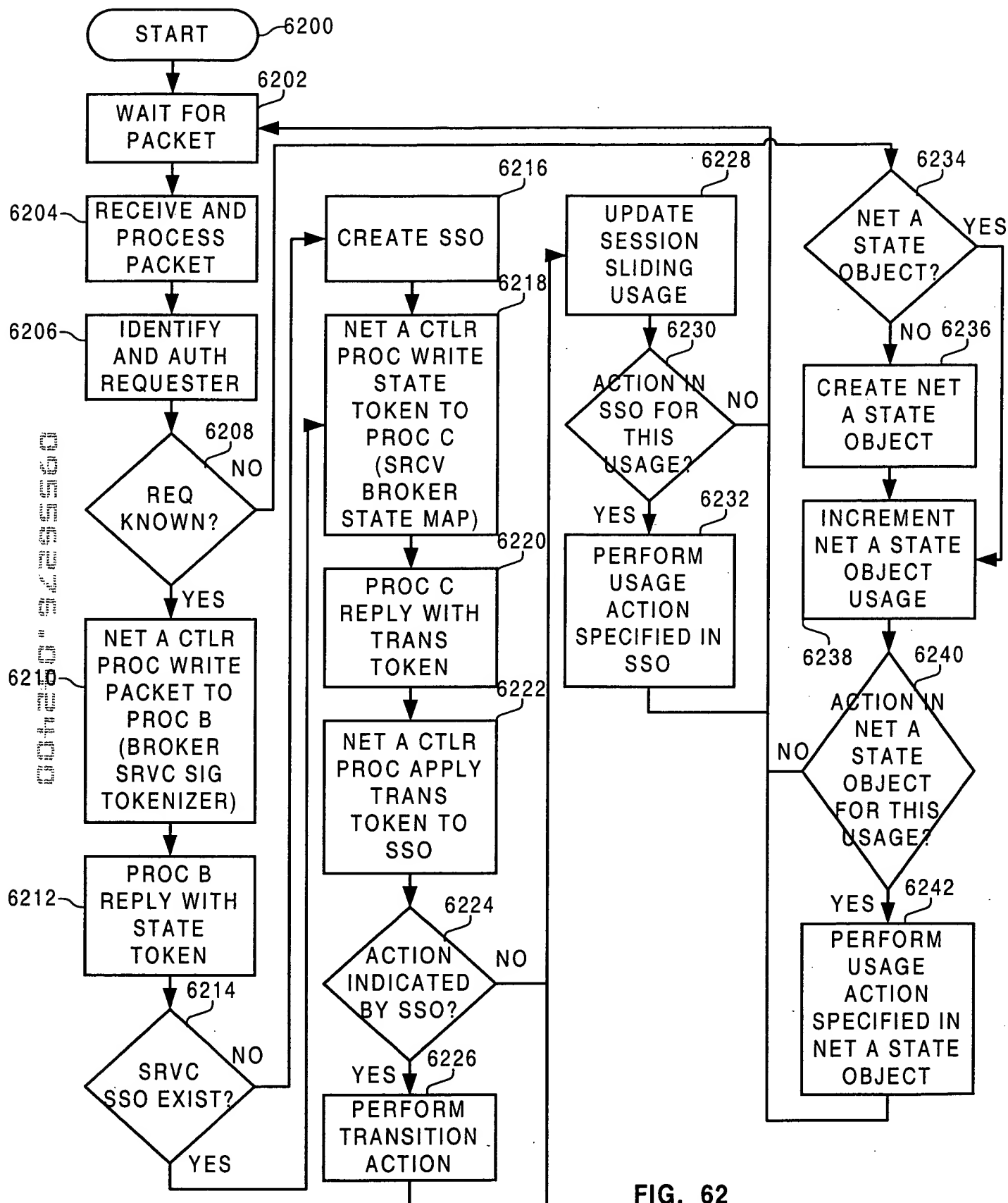


FIG. 62

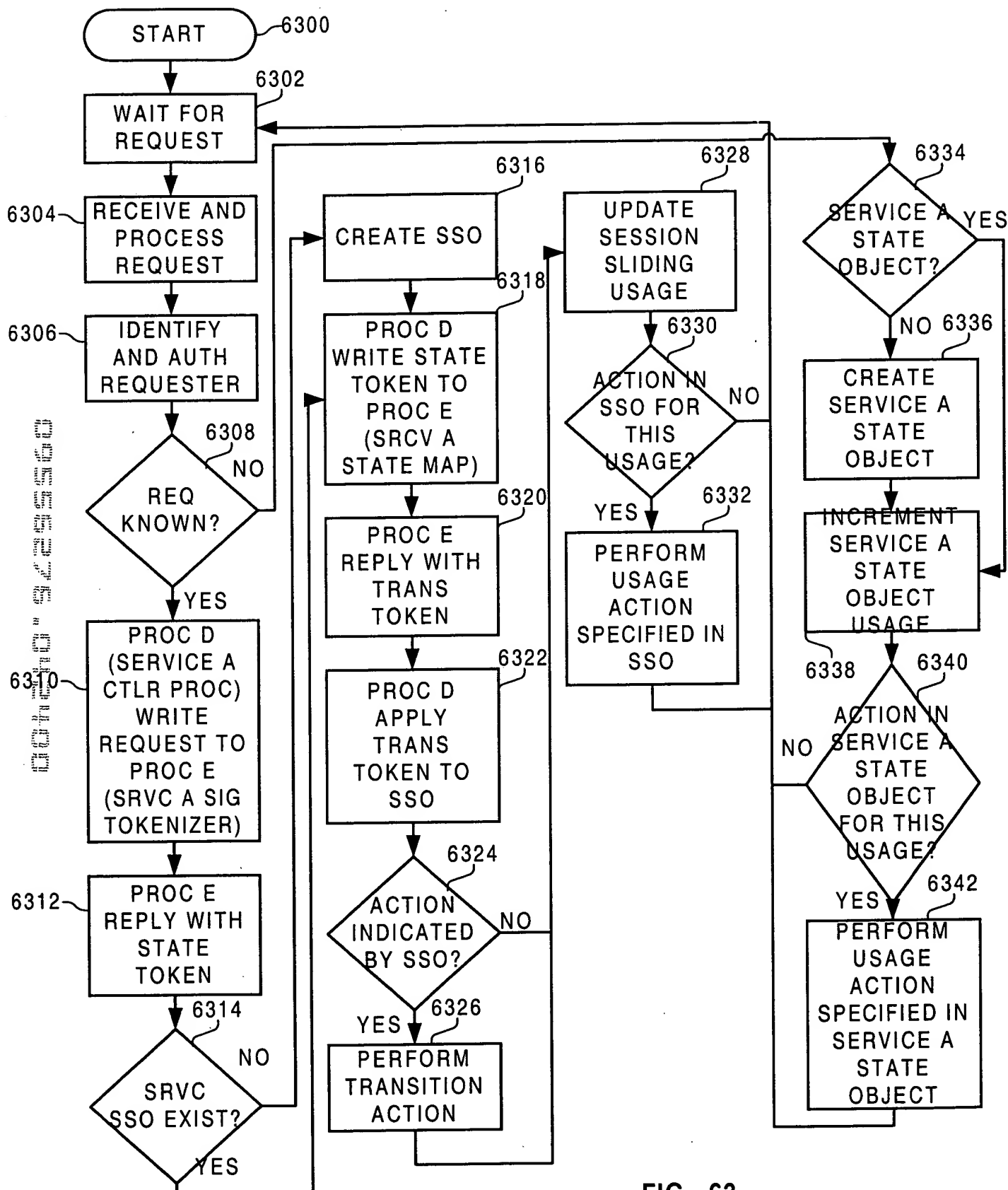


FIG. 63